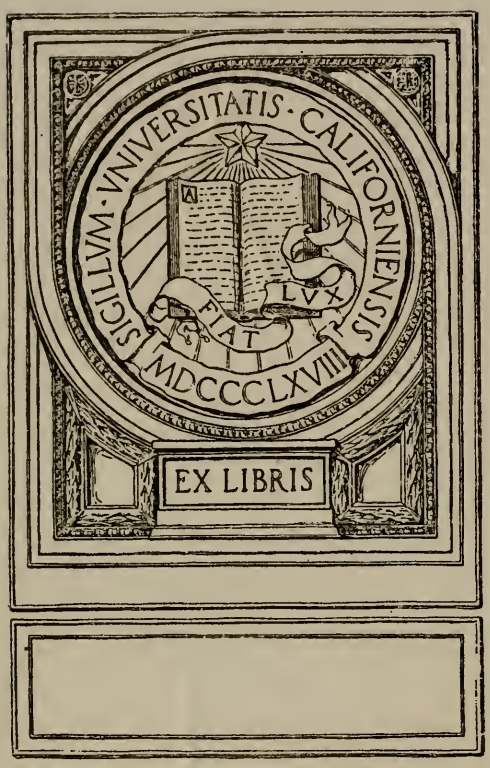
Z
695
M15

UC-NRLF
B 3 926 566

# SUBJECT HEADINGS *for* JUVENILE CATALOGS

MARGARET MANN


SIGILLVM · VNIVERSITATIS · CALIFORNIENSIS
FIAT LVX
MDCCCLXVIII
EX LIBRIS

# SUBJECT HEADINGS

FOR USE IN

## DICTIONARY CATALOGS *of* JUVENILE BOOKS

MARGARET MANN

AMERICAN LIBRARY ASSOCIATION
PUBLISHING BOARD
CHICAGO
1916

LIBRARY
SCHOOL

Copyright, 1916
by
American Library Association
Publishing Board

# CONTENTS

Page

Preface ..... V

The catalog of juvenile books ..... 1

General—Some suggestions for handling subjects: The use of simple terms, The use of definite and specific terms, The grouping of material by form and special use, The minute analysis of books—Coöperation in work.

## SUBJECTS

Stories ..... 8

Traditional stories: Myths, Legends, Sagas, Fairy tales, Fables—Stories with subject value.

Poetry. Holidays ..... 15

Collections—Poems by one author—Poems on a definite subject—Readers and speakers—Holidays—Ballads—Folk songs—Songs—Nursery rhymes.

Amusements ..... 16

Occupations for children—Scientific recreations—Sports—Athletics—Physical education—Games—Plays—Drama.

Science. Useful arts ..... 18

General—Natural history—Botany and Zoology—Plants and Animals—Flowers—Nature—Industries—Manufactures—Handicraft—Manual training—Carpentry.

Biography. History. Geography ..... 20

Collective biography—Individual biography—Heroes and heroism—History—North America—United States—The West—Frontier life—Northwest Territory—Wars—Battles—Explorers—Voyages—Travel—Manners and customs—Geography.

## LIST OF HEADINGS

Introduction ..... 27

Form divisions—Subdivision under place—Place versus subject entry—References—Personal names—Page references.

Headings ..... 30



328633

# PREFACE

THIS list of subject headings has been compiled primarily for use in cataloging juvenile books. It is offered as a less exhaustive and less expensive guide than that so admirably prepared for the A. L. A. by Miss Briggs. The subjects and references are those used in the dictionary catalog of juvenile books in the Carnegie Library of Pittsburgh, but the style and form have been made consistent with the A. L. A. list, thus allowing additions to be taken from that volume without loss of uniformity.

While there has been no attempt made to supply an exhaustive list of subjects for use in any other than the juvenile catalog, it is hoped that the headings here included may be found helpful for cataloging most school libraries and that they will furnish many suggestions in the selection of minute headings for the small public library, where it is often found necessary to do extensive analytical work.

A first attempt has been made to formulate some principles which shall assist in the choice of subject headings. This is possible when considering subjects for a catalog of juvenile books, because a small collection is being handled, which is limited to one class of readers.

I wish to make acknowledgment to Miss Elva S. Smith, who has developed this list of headings and who has given me valuable assistance in my attempt to correlate the work of the cataloger and the children's librarian. Her knowledge of children's literature and the results of her experience in cataloging juvenile books have been generously shared with me.

December, 1915. Margaret Mann.

UNIV. OF CALIFORNIA

# THE CATALOG OF JUVENILE BOOKS

IN MAKING a catalog of juvenile books it is necessary to put into it a combination of the technique of cataloging and a knowledge of literature as it is written for children.

The books have been written in a special style to make them interesting and instructive to young people; they are made up of chapters which interest and hold by their brevity and simplicity; there is often no attempt made to give a continuous narrative, and subjects are never treated in an exhaustive way as they are in the books for older readers. The classics are retold, and mythology and folklore are not presented as subjects of religion and customs, but rather as stories which are used to introduce the child to literature. It is not the subject matter which differs, but rather the way it is treated, both as to content and style, which brings a different phase of work into the making of a catalog for children.

Stories must be studied both for their literary and their subject value so that the catalog may show what the child is unable to find for himself because of his limited knowledge. We must bear in mind the fact that children have no background of experience, that they are unfamiliar with even the terms and expressions commonly known and used by adult readers and that they are unable to classify material for themselves. Their catalog must therefore be much more an instrument of instruction than is the catalog for adult readers, by showing them how subjects are related. It must index chapters in their books which they have no way of finding, and lead them to stories which will tell them about Napoleon, Roland, Iceland, Indians and any other subjects which are not brought out by the classification of books on the shelves. We must study their needs as well as their books so that the catalog will come within the range of their understanding and answer their demands.

Our problem is therefore to make a catalog which shall be so simple that we can explain it to children and have them understand it; so full that it will answer not only the demands of children, but those of teachers and assistants as well, and so uniform with other library guides that the child can pass from the use of one to the other without confusion.

Those who select the books in a library do so with some definite aim in mind—that of supplying a definite want or of pro-

viding for a probable need. The cataloger must work with a similar purpose in mind—that of making the catalog show that this need has been supplied. Otherwise she is not properly coöperating with those who are making the selection. If Gatty's "Parables from nature" is used for the purpose of giving the children good material on ethical topics and the cataloger does not emphasize these, the full value of this book has not been disclosed, because the catalog fails to express the essential purpose for which the book was selected.

If the responsibility of arranging correctly the juvenile literature and making it available rests with the cataloger, she should have a knowledge of the special use made of the various forms of literature by those who work with children. She must know the various forms of stories and what emphasis is given them, she must know their value as supplementary reading and must know how to group them properly so that they may be used as stepping-stones to literature. Legends and myths must be defined, and fairy tales, sagas and fables must be grouped under their correct headings. The reader must not be confused by having material listed under subjects on which the book has no direct bearing. In some of the outdoor books, for example, we find Boy scouts introduced to lure the boys to read special titles, and one is tempted to enter these books under the heading Boy scouts, but as a matter of fact they are on camping, cycling, etc., and although they may be of interest to the Boy scouts, they do not contribute to their movement in any way or tell anything about their organization. This heading should be reserved for the book about the Society, official handbooks, etc. Nearly all the books on outdoor sports are of interest to the Scouts and an interesting reading list could be compiled for their use, but the subject of a book and its purpose are often very different.

In order to have the catalog supplement the school work, the cataloger must become familiar with the school curriculum. This she may do by making a study of the school program or by learning of the school needs through the children's librarian. The needs which come through this channel should be anticipated and met even before the actual demand must be answered, as there is little time to collect material after a whole class of children descend upon the assistant for some minute subject.

## SOME SUGGESTIONS FOR HANDLING SUBJECTS

In considering the best ways of making the catalog answer the demands put upon it, the following points are suggested as

requiring the attention of every cataloger who must handle books for young people: (1) the use of simple terms; (2) the use of definite and specific terms; (3) the grouping of material by form and special use, as Myths, Plays, Dramatic readers, etc.; (4) the minute analysis of books.

**(1) Use of simple terms.** Having decided upon the subject of a book the next step is to choose the term which shall best express this subject. Simplicity should be the watchword in all catalogs of a public library, therefore it should not be found very difficult to make the adult and juvenile catalogs uniform in this respect. The style and content of books for children naturally lead one to select a simple word; for example, a book on candy making for children does not discuss the other forms of confectionery, so one is not tempted to use that heading merely because it is used in the adult catalog, but the book is put under the heading Candy without further consideration. A book on flowers which does not discuss the classification of plants does not warrant the heading Botany, so one is not led to adopt the scientific term. Textile fabrics in the adult catalog should be replaced by Cloth in the juvenile catalog, because the first term is not the common one.

Care should be exercised in our endeavor to simplify that we do not make the mistake of "talking down" to the children. It is not necessary, for example, to use Bunnies for a book on rabbits, or Bugs for a book on insects. Standards should not be sacrificed for simplicity.

Many headings cannot be simplified; for example, a book for children on Mines and mining must be given the same heading as that used in the adult catalog for a book on the same subject, because there is no simpler expression. Taxidermy may be a difficult term for a child, but here again we have no other word which expresses the same thing; Stuffed animals, Mounted animals, etc., are terms a child might use, but they are phrases which should not be introduced into a catalog. The child old enough to make use of this heading should learn the correct term.

**(2) Definite and specific terms.** Definite subjects should not be covered up by larger and more inclusive subjects; while this is a repetition of an old rule, it deserves special emphasis when making a catalog of juvenile books. A book on Parties should be entered under Parties and not included under the heading Amusements or Entertainments. The child cannot classify material nor does he want all kinds of amusements when he is looking for

Parties. "American boys' handybook" and other books of like character require an inclusive heading, but the inclusive heading should be reserved only for this kind of material and not used to cover any one branch or subdivision of a subject.

There are a few subjects which include divisions so small that it is quite improbable that they will be discussed separately. For example, Spices would best be used as a heading for books treating of the various spices, as one would seldom or never have material on cinnamon, cloves, etc., alone. References may be made if necessary from the various spices treated in the books entered under the general heading.

(3) **Group headings.** Any group headings which can be assigned by the cataloger as the volumes pass through her hands are warranted because again the children have not the knowledge to classify the material for themselves, and the teachers and assistants cannot stop at a busy time to collect books which are needed by a number of children at one time. These group headings are those which bring together the collections of a special form of literature, such as Poetry, Plays, Legends, etc. Many headings which appear as subjects in the adult catalog become form or group headings when used in the catalog for children. While the adult reader studies Mythology and Folklore, the child reads Myths and Fairy tales.

It is true that some of the group headings in a measure duplicate the arrangement of the books on the shelves, but are the books always on the shelves? A teacher or an assistant who is preparing a special reading list or getting together material for a special class of children does not want only the material which is on the shelves today; she must have access to the entire resources of her collection and there is no way of getting this except through the catalog. The shelf list may answer in some cases, but this record does not list all of the material; for example, when a book consists of a series of chapters devoted to miscellaneous topics, the class number can only call attention to the broad subject and can give no indication of the topics covered by the various chapters.

Aside from those headings which group books to show their literary form, we may have those which collect books for a definite purpose. Such group headings as Civic readers, Dramatic readers, etc., often assist the teacher and may be introduced for her use. She comes to the children's room, not to study the history of education or school management, but rather to collect illustrative material which can be given or read to children and which she de-

sires to use in order to emphasize some point in an educational scheme. The catalog can show the educational value of the material in the collection by bringing together the readers and primers which have been written for a definite purpose, thus giving the teacher and the assistants a quick reference to material needed for supplementary reading. These group headings should be chosen with great care and should be adopted only in response to a definite demand. Close touch with the teachers and assistants is necessary when introducing such entries.

Specific events are better entered under the names by which they are commonly known than as subdivisions of a larger subject. The mature mind looks upon history, for example, as a continuous series of connected events, but the child does not look upon these events as belonging to the whole scheme of history; he knows them rather as distinct incidents and independent of those events which come before and those which follow. The Civil war is not read and studied as a connecting link in the history of the United States, but as one definite event. The cataloger would best deviate from the generally accepted plan here of entering under United States—History—Civil war, and use the heading which will most often occur to the child, which is Civil war. This is better than to present him with the whole scheme of United States history and let him grope about in an effort to find the one period he is seeking.

(4) **Analysis of books.** "The analysis of books of composite authorship or treating of a variety of topics is a problem demanding the continual exercise of discretion. Whether to make 'analyticals' or to let the main entry stand for the work without further note must be determined by each librarian with the needs of his own constituency in view. A special library may need to make analytical entries that amount to indexing the chapters of a book." Bishop. "Modern library cataloging."

The children's room may be considered a special library in the sense that it is made up of books written in a special style and for a special class of readers. A juvenile collection is usually made up of comparatively few titles and it is therefore necessary to make the most of these few by analyzing each one. As has already been pointed out, these books are of a composite nature, they treat of many minute subjects all of which may have some bearing on a larger subject, but which, because of their elementary treatment stand out as well defined units. Such books cannot be covered by one or two general headings; each chapter must be analyzed if

the varied information is to be made available, and the catalog must become in a measure an index to juvenile material.

If broad headings only were used, the child would be deprived of access to much of the material he wanted, because he would not know the name of the large division. Few boys, for example, would know that an account of the Spinning top could be found in a work classed under Mechanics, and Lang's "Red book of heroes" will not give its full return unless we call attention to the persons included, under their own names.

The library assistant, even though she makes a most careful study of the books in her collection, cannot always recall immediately the needed chapter. She cannot know just which geographical reader will give her information about the Eskimo, or what nature book has a chapter on Fireflies, and subjects are often wanted not to supply the needs of one reader, but rather to meet the demands of a whole class. These requests come from a class of readers who must have personal help, the assistant must preserve order while giving information and for this reason, if for no other, there should be as many short cuts as possible to which she may turn for help.

The extent to which this analysis should be carried is a question which each library must decide. There is certainly danger in carrying it to an extreme, and it is always unwise to duplicate work already done; for example, one would not be warranted in repeating the information given in Granger's "Index to poetry," or in again listing the Fairy tales indexed by the Boston Public Library.

The first cost of doing extensive analytical work seems large, but when we consider that it is done but once and that this information is put into a permanent record where it may be consulted without further effort, the question of expense becomes somewhat minimized. The most economical way to do analytical cataloging is to make one card and duplicate it as many times as is necessary to furnish a card for each heading needed. It is certainly too expensive to analyze a collection of any great size in any other way and some simple devices for duplication are usually available to even the small library. The least expensive method is probably the use of the hectograph; by this process cards are written with hectograph ink and multiplied on the gelatin pad. Those libraries using the multigraph or other means of printing would of course be able to do the work with little expense.*

---

*See chapter on "Copying" in Bishop. "Modern library cataloging," p. 105-108.

The following illustrations will serve to show how the analytical entries may be indicated on the unit card:

**Mines and mining. See p.139-155 of**

Price, Overton Westfeldt. j 351.711 P94

The land we live in; the boys' book of conservation, with a foreword by Gifford Pinchot. 1911. Small.

About the use and the waste of America's forests, lands, waters and minerals, telling what conservation is and why it is necessary. Many beautiful illustrations from photographs.

**Nightingale, Florence**

Lang, *Mrs* Leonora Blanche. j920 L23

Red book of heroes; ed. by Andrew Lang. 1909. Longmans.

*Contents:* The lady-in-chief [Florence Nightingale].—Prisoners and captives [John Howard].—Hannibal.—The apostle of the lepers [Father Damien].—The constant prince [Ferdinand of Portugal].—The marquis of Montrose.—A child's hero [Henry Havelock].—Conscience or king? [Sir Thomas More].—The little abbess [Angélique Arnauld].—Gordon.—The crime of Theodosius.—Palissy the potter.

## COÖPERATION IN WORK

Coöperation between the Catalog department and all other departments of the library is essential if the catalog is to reflect the combined knowledge of the staff and meet the needs of all who use it.

Catalogers are sometimes too much disposed to dwell upon technique and to show too little willingness to understand and use the information possessed by their co-workers. One should never be so enveloped in detail and system as to be unable to take a broad view of her field, nor should technique be allowed to thwart us in the making of a plastic and growing catalog. Much time and attention may well be given to the subject side of the work, for it is this side of the catalog which best represents the resources of the collection we are cataloging, and it is to this subject side that the inquirer most often turns. Authors, titles, editors and translators must all be represented, but these entries answer the question already in the mind of the reader when he enters the library. The subjects lead him into unknown fields and disclose new avenues of interest.

No cataloger should be so addicted to routine and rule that she cannot listen to and accept recommendations for the improvement and usefulness of the catalog. She should not refuse to add subjects and references required by some unusual demand; on the other hand, the department making these requests should not dictate just what form these subjects and references should take. Let each do her part and the part in which she has specialized.

Children's librarians are not always qualified to be good catalogers, nor are catalogers always able to take the place of children's librarians, but by a free exchange of ideas and an understanding of the needs of each branch of the work the desired results may be obtained.

"Rapidity and ease of consultation will be secured only by most careful planning. There are certain decisions which must be made by every librarian beginning or revising a catalog of subjects. Once taken, these decisions must be adhered to, while a change once decided on must be carried out root and branch... Careful planning, then, is half the battle. It matters little, from one point of view, what the decision is. The important thing is to have a conscious policy and stick to it." Bishop. "Modern library cataloging."

## SUBJECTS

The need has been felt for some standard on which to base the selection of subjects so that every librarian may have some definite formula on which future work may be based.

In an attempt to define terms, show the scope of various headings and emphasize their use in library practice, I have chosen only those subjects which may have several meanings and those which require some explanation in order to show definitely just what kind of material they are intended to include. Only a very small proportion of the headings in the appended List are defined or even mentioned, but the principles of selection brought out by the discussion of certain groups or classes may be applied to other subjects of the same type.

Reference must be made constantly to decisions once adopted in order to insure uniformity in results. A heading should not be chosen because it is in the List, but because it is the term decided upon as the best one to include certain types of books. Unless there is a thorough understanding of the terms we cannot feel sure that like books will fall together or that individual books will be properly listed.

## STORIES

The story is taken first because so large a proportion of the books for children are written in story form, either originally or as adaptations. These are considered in two main groups: (1) the traditional stories and (2) those having subject value.

## TRADITIONAL STORIES

"Traditional stories may be roughly classified as Myths, Legends (including Hero-tales and Sagas) and Märchen or Folk-tales, with which last may be reckoned the minor varieties of Beast-tales, Drolls, Cumulative tales and Apologues." Burne. "Handbook of folklore."

The following choice of headings has been made for grouping the traditional stories: Myths, Legends, Sagas, Fairy tales, Fables.

**Myths.** "Myths . . . are stories of anonymous origin, prevalent among primitive peoples, and by them accepted as true, concerning supernatural beings and events, or natural beings and events influenced by supernatural agencies. . . . They are born in the infancy of a people. They owe their features not to any one historic individual, but to the imaginative efforts of generations of story tellers." Gayley. "Classic myths."

"In early ages man recognized forces external to himself which largely determined the conditions of his life. These forces of nature, such as light and darkness, fire, and summer and winter, he personified and made the subject of stories. In the same way he theorized about the origin and control of the universe, attributing the governing power to one God or many gods, and inventing stories about the relation of these divinities to each other and to man." Newark Public Library. "Course of study for normal school pupils on literature for children."

The general heading Myths is used for collections of pure myths which are not confined to any special country or people, such as Shahan's "Myths and legends" and Clarke's "Child's guide to mythology." If the stories are those which treat of the divinities once worshipped by the Greeks, the Romans or the Norse people, or the stories which have grown out of these, they may be distinguished from the general class of Myths by adding the subdivisions *Greek and Roman* or *Norse* to the heading Myths. Baldwin's "Story of the golden age," Hawthorne's "Tanglewood tales" and like books would then take the heading: Myths —*Greek and Roman.*

As many books include both Greek and Roman myths it is best to use the combination heading *Greek and Roman* and place here both the books which treat the two together and those taking up either alone.

Mythological events, as the Trojan war, should be entered under the specific heading, not included under Myths. Brooks'

"Story of the Iliad" and Clarke's "Story of Troy" may both be entered under Trojan war, and many chapters in the books found under Myths may be brought out under more definite headings.

"A myth is a purely imaginative explanation of phenomena; a legend rests on facts, but the facts are distorted." Toy. "Introduction to the history of religions."

**Legends.** "Legends are narratives told, not to explain anything, but simply as an account of things which are believed to have happened, such as a deluge, a migration, a conquest, the building of a bridge, or of a city. They are often told about events or persons, who are in fact historical though the legend itself may be inaccurate or even baseless, and may be told of other persons or places in countries far away." Burne. "Folklore handbook."

"Legends are mixtures of popular tales and literary invention cast in narrative form and told as records of facts. They usually deal with some character of heroic type, such as The Cid, and Siegfried; some storied locality, as the legend of the Sleepy Hollow; or some event or period in the mist-shrouded early histry of nations, as in William Tell, and Horatius at the bridge." Newark Public Library. "Course of study for normal school pupils on literature for children."

Legends is a group heading and is used for collections of legends, even though these collections do include those tales which belong to the King Arthur and the Charlemagne cycles. While the stories of these two cycles more correctly belong to the romance group, it does not seem best to use both the heading Legends, and Romances. Legends is the term more familiar to children and is a broader heading which can be made to include both character and place legends; it has therefore been adopted to cover both the Legendary stories and Romances.

"A romance may be described as a tale written at any period between the eleventh and fourteenth centuries, which deals with the age of chivalry." Spence. "Dictionary of medieval romance."

Stories which tell of the exploits of a single hero should be entered under the name of that hero, as King Arthur, Charlemagne, The Cid, etc.

Those centering around a historical personage like Charlemagne should be distinguished from the pure history of the real character. Stories of the Charlemagne cycle having for their subject matter the adventures and pseudo-history of Charlemagne and his twelve peers should be differentiated from the accounts of Charlemagne as ruler. The biographical material should be entered directly under his name, while Charlemagne romances

may be used for the legendary accounts of the hero. Church, in his "Stories of Charlemagne and the twelve peers of France," gives us the legendary Charlemagne, while Hodges in "Saints and heroes to the end of the middle ages," gives an account of the Emperor Charlemagne.

The books entered under the group heading Legends may be analyzed, in which case the single legends are brought out under name; usually the name is taken from the name of the hero, as Havelock the Dane, Roland, Wayland the Smith, etc. Whenever a legend is entered under its name, that name must be added to the Legends "see also" card.

If the books are not analyzed, references may be made from the name of single legends to the group heading Legends. In this case the contents should be added to the cards to show just what stories are included in the various collections. These references can only be made after one is sure that the legend from which reference is made is in some one of the books entered under Legends. The references would read as follows: Havelock the Dane *see* Legends; Roland *see* Legends, etc.

In The Cid we find a national hero of both history and romance, and this epic may be indicated as a good example of how a historical figure may become semi-mythical. Fact and myth are so blended that, as the story is told for children, it seems quite impossible to separate the material and so we place it all under the name of the hero. Since we are able to gather from The Cid something of real history, it is suggested that we call attention to the historical value of the story by making a reference to it from Spanish history.

"Legends which relate the exploits of a traditional hero, taking his existence for granted and not introducing him to account for the existence of something else, may be distinguished as Hero-tales; and when a series of legends follows in detail the lives and adventures of characters who are probably historical, it forms a Saga." Burne. "Handbook of folklore."

**Sagas.** The term Saga is limited to collections of the Scandinavian hero-tales, such as Anderson's "Viking tales of the North." It may be used to include all Saga material; or the cycles centering around one hero may be entered under the name of the hero, as Frithjof, and Grettir the Strong.

**Fairy tales.** Fairy tales has been chosen to include the folk tales and also the tales telling of fairies and other supernatural beings, which have no folklore setting or background. The Lang

fairy books belong to the first class and the George MacDonald books to the second.

"It is now impossible to limit this term to those stories that deal with the activities of an order of invented preter-human beings called fairies; or even to those that contain preternatural or supernatural elements. With the old fairy-tales in this narrow sense, have been incorporated folk-tales dealing with matter which involves only natural and human material, beast-tales and bits of comic adventure, for example. It is possible to treat them, however, in one category, because of the fact that in all those that are worth using for the children in class, whether there be fairies involved or not, the imaginative process is of the same kind, the vision of the world, its activities and its possibilities, is on the same level of imaginative combination and artistic interpretation; and this is the level of the children for whom we are choosing." MacClintock. "Literature in the elementary school."

Folklore is not included as a main heading, because (1) it is a term less well known to children and (2) if used, it would not be possible to group all the fairy tales under the one heading. Those who wish to show the distinction between the fairy tales which are real folklore and other fairy stories, may do so by adding this word as a part of the heading under Fairy tales, thus: Fairy tales (*Folklore*) and reserving the heading Fairy tales alone for those stories which have no folklore background.

In addition to the story use, these folk tales may be found of value to teachers in school work if entered under the country to which they belong. They contribute to the knowledge of the people and furnish another means for studying the different phases of the people of a given locality. In addition to the Fairy tale heading the country is used with the subdivision *Folklore*. Inasmuch as the material is not used for the study of comparative folklore, the country heading is chosen rather than the subject. This brings together all the material relating to a country including the folklore, which may often be useful as supplementary material. Jacobs' "Celtic fairy tales," and Steel's "Tales of the Punjab" are types of books which may be treated from the country side as well as from the story side, by entering under Ireland—*Folklore*, and India—*Folklore*.

The American folklore tales are entered under Indians of America—*Folklore*, for in this case to use Folklore under the name of the country does not convey the correct meaning. North America—*Folklore* or United States—*Folklore*, would not limit

the folklore to the Indian, and here again it is more useful to keep all the material about the North American Indians together. The heading is used to include Myths, Legends and Folk tales. Pratt's "Legends of the red children" and Zitkala-Sa's "Old Indian legends" would be entered under this heading and need not be repeated under the heading Legends.

The "Finding list of fairy tales and folk stories" issued by the Boston Public Library and the "Index to fairy tales," by Miss Mary Huse Eastman, published by the Boston Book Company, 1915, will be valuable aids supplementing the catalog under this subject.

Fairies need not be used as a heading, but a reference should be made from it to Fairy tales.

**Fables.** "It seems to be, in its genuine state, a narrative in which beings irrational, are, for the purpose of moral instruction, feigned to act and speak with human interests and passions." Dr. Johnson.

"Fables—all those oriental and classic ones that are called Aesop's, as well as many of La Fontaine's—are, from the literary point of view the best of the animal stories." MacClintock. "Literature in the elementary school."

While this form of story is usually devoted to animals, these books must not be considered as having any aim in teaching the facts as to the structure and habits of the creatures as life-forms. They interpret human life through them or by them by means of human terms. Reference can well be made to the heading Fables from Animals—*Stories*, Legends, Literature and Fairy tales.

## STORIES WITH SUBJECT VALUE

A subject should be divided in the catalog into as many groups as is necessary to show the form of the material listed under it. Take for example the subject Flowers; we list first the books which give accurate facts about flowers, next we list the poetry of flowers and after that come the stories. It is essential to distinguish the books which are classed as fiction from those which are scientific, and the subdivision *Stories* is used to bring out this distinction. Some of the subject material is so skillfully woven into story form that one is often puzzled to know whether the book should be classed as fact or as fiction.

When a work will stand the test of accuracy and the facts are so set apart from the story as to make them easily accessible, it may be treated as non-fiction. Such a book is Kellogg's "Insect

stories." Here the author has combined science and the story-teller's art, but while he has called into play a certain amount of invention, this does not distort the facts he endeavors to develop through his story. The reader's credulity is not overtaxed in the writer's attempt to interest.

Stories which class as fiction and have a definite aim or are grouped around a definite person, event or thing, or are told for the purpose of imparting facts of science or industry, should be entered in the catalog under the subjects to which they either directly contribute or on which they may have a bearing. The object of bringing works of fiction out under subject headings is to group them under subjects about which children like to read, to make them more readily accessible for use as supplementary reading, and to supply material which shall arouse interest in the subjects upon which they have a direct bearing.

The demand for supplementary reading along all lines of school work can be met in no better or more satisfactory way than through the analysis of these stories. The "journey method" in geography, and the "topic method" in science as used in the class room, create a need for material which is often available only in story form. Probably no better or more entertaining description of Switzerland can be found for children than that given in the story of "Heidi," and the teacher who wishes to arouse interest in forestry will find Rolt-Wheeler's "The boy with the U. S. foresters" of value as giving a popular and interesting account of the subject in story form. The child whose attention is called to Bassett's "Story of wool" will find interesting facts about the wool industry.

Children may become interested in history by reading Howard Pyle's "Otto of the silver hand" when a less entertaining book on the middle ages would make no appeal. The same is true of biography. Andrews' "Perfect tribute" is one of the best accounts of Lincoln a child can read. It gives an insight into the character of the man which a child could never get from a biography.

The stories which tell of the customs of a people should be entered under the place. "The Japanese twins," by Perkins, gives an interesting account of a certain phase of life in Japan which would be lost to those seeking information on Japan if the book were not entered under Japan—*Stories.*

Stories emphasizing ethical themes are useful if grouped under these ethical headings and thus made available for teachers and parents who wish to teach ethics through stories. These headings must be carefully chosen and assigned only to those stories which

are dignified and free from sentimentality. F. J. Gould's two books called "Children's Plutarch" may be entered under the heading Ethical stories as well as under Biography, and Greece, Ancient.

The heading Ethical stories is used for collections only; the stories devoted to a single ethical topic should be entered under that topic, as Industry, Kindness, Cheerfulness, etc. The adjective form of entry has been chosen for some types of stories, as Ethical stories, School stories, Sea stories, etc. In these cases the subject is better expressed by a phrase.

A valuable subject index to juvenile stories has been compiled by Grace E. Salisbury and Marie E. Beckwith and has title: "Index to short stories; an aid to the teacher of children." This was published by Row, Peterson & Co., Chicago in 1907 and will be found very helpful in getting together material on a specific subject. It is especially full in its ethical headings.

## POETRY—HOLIDAYS

**Poetry.** This general heading should be used for books or chapters *about* poetry only. Few children's books contain information of this kind so the heading will seldom find a place in the juvenile catalog.

**Poetry—*Collections.*** This heading is used for compilations or collection of poems by different authors. No distinction is made as to language. The analytical entry of poems contained in the books which fall under this general heading rests with the individual library, but very often a title or subject entry for the poems continually in demand is justifiable. Granger's "Index to poetry" is a useful key to the poems contained in many of these collections.

**Poems by one author.** A single poem, or a collection of poems by one author, need not be given a group entry in the catalog. Author and title entry for these will probably answer all reasonable demands. If it seems desirable to have a reference to a complete file of such books, reference may be made to the shelf list, where they are grouped together.

**Poetry on a definite subject.** *Poetry* is used as a form subdivision under subject for poems which are grouped according to subject, as Flowers—*Poetry*, Birds—*Poetry*, Christmas—*Poetry*, etc. These groups are often to be found in collections of poetry or in books which collect the various forms of literature devoted to one subject, as do some of the books on Christmas. This form subdivision should not be used to any extent for individual poems,

for such minute analytical work, while useful, can hardly be said to come within the scope of a catalog.

**Readers and speakers.** A heading used for books made up of collections of poetry and prose. The term Readers as used here does not include Primers. These are entered under Primers, but series of more advanced school readers may be listed under this heading, especially those adapted to grades above the third. Collections of recitations for special days are entered under the name of the day, as Thanksgiving day, New Year's day, etc.

**Holidays.** This heading is used as a group heading for the books covering many holidays and for customs observed in different countries when celebrating holidays and feast days. Exercises devoted to birthday celebrations, etc., are entered under the name of the day when it is a national holiday, as Washington's birthday, Lincoln's birthday; but other material is entered under the person, with subdivision *Birthday exercises*, as Longfellow, Henry Wadsworth—*Birthday exercises*.

**Christmas.** There is so much demand for literature on this subject that it has been given several subdivisions. Other subdivisions may be added when desirable.

**Ballads.** A ballad is a traditional and popular narrative poem, usually of unknown origin. Enter ballads of all peoples under this heading, making no language distinction. Reference may be made from English ballads, Irish ballads, etc., if it seems necessary. Groups of ballads are often contained in the books cataloged under Poetry—*Collections*, and these may be analyzed and brought under the specific heading if desired. Scudder's "Children's book" is one which may be so analyzed.

**Folk songs.** When Ballads are accompanied by music the heading Folk songs should be used, but do not include here the poems or songs when not accompanied by music. This heading is included because of the frequent requests from kindergarten and playground workers for these special songs.

**Songs.** To be used for all collections of songs with music, except Folk songs. Songs without music should be considered as poems.

**Nursery rhymes.** Used to include the Mother Goose melodies and other nursery rhymes and jingles, as Christina Rossetti's "Sing-song."

## AMUSEMENTS

**Amusements.** A very broad heading used to include those general books which contain games, sports, occupations, recrea-

tions and other pastimes under one cover. It is often difficult to choose between this heading and Occupations for children, and it may be necessary to duplicate the entry under both headings in some cases. Few if any analytical entries will appear under Amusements; it should be kept as an inclusive heading only, but references must be freely made from it to all the specific headings which are related. These references should include all subjects which amuse or entertain, such as Plays, Camping, Moving pictures, etc.

Books of amusement are of two kinds, those written to instruct through play and those having no instructional purpose. The instructional value of the former group may be emphasized by bringing them out under either of the two headings: Occupations for children or Scientific recreations. These are not headings which children will use, but are introduced to group material for assistants, teachers and parents.

**Occupations for children.** Under this heading are grouped the miscellaneous handbooks for boys and girls. These usually take up various pastimes, some handwork and games and sports. The "American boys' handybook" and Bowker's "Busy hands" fall into this class.

**Scientific recreations.** This heading is reserved for those books which introduce scientific experiments and give some knowledge of chemistry, physics and the other natural sciences. They are usually too unmethodical in arrangement to be given a scientific heading, but contain facts enough to give them value from a popular scientific standpoint. Hopkins' "Experimental science" takes this heading.

The chapters devoted to a definite occupation, as Paper work, Beadwork, etc., should be entered under these specific headings. As books of this nature often include various kinds of handwork they may be referred to from several broad headings; for example, refer to Beadwork from Sewing, Handicraft and Occupations for children.

**Sports.** Used to include all outdoor games and recreations grouped in one book, as Camp's "Book of college sports."

**Athletics.** Confined to the track and team games, as Lee's "Track athletics in detail."

**Physical education.** To cover books on exercise which emphasize the physical development of the body and so usually have a teaching purpose, as Blaikie's "How to get strong."

**Games.** Used for indoor games grouped in one book or for books including both indoor and outdoor games. Individual games

are entered under the separate headings as, Dominoes, Checkers, Golf, Baseball, Football, etc.

**Plays.** A group heading used to cover single plays, collections of plays and amateur theatricals. Dramatic readers may be included here if one wishes to eliminate that term as a main heading.

**Drama.** Included only to cover the books or chapters *about* the drama. It is used as a subject and not a form heading and will be needed but seldom.

## SCIENCE

Most of the headings given to the scientific books for children are so definite that their selection offers few problems. It is only when several subjects are combined in one book that it is difficult to select a broad heading which will cover the whole.

Science in its broad sense is used to include the books which cover both the natural and applied sciences. They are usually very miscellaneous in character, and include such titles as Buckley's "Fairy land of science" and Hooker's "Child's book of nature."

**Natural history.** Natural history is limited to books which include both animals and plants, as Gibson's "Blossom hosts" and "Eye spy."

**Botany, Zoology.** The broad science headings such as Botany and Zoology will need to be used but rarely and only for those books which discuss the classification of plants or animals. They are technical rather than popular. Mathews' "Field book of American wild flowers" takes the heading Botany, and Zoology is given to Wood's "Our living world."

**Plants, Animals.** These headings are used for the less scientific books. They are descriptive rather than technical and include such titles as Dana's "Plants and their children" and Wright's "Stories of birds and beasts."

**Flowers.** Used for the books consisting of chapters on definite flowers, as Morley's "Flowers and their friends." Names of flowers are used as subject headings when analyzing these books or for books which treat of one variety, as Roses.

**Nature.** Nature is an indefinite term and therefore should seldom be used as a main subject heading. The word does not express a subject, but is rather a term used to suggest ideals of outdoor life. It is the term linked with Poetry to cover the collections of poems on Birds, Flowers, Trees, etc., as does Lovejoy's "Poetry of the seasons." It may be used with the subdivision

*Stories* as a supplementary heading for such a book as Cooke's "Nature myths."

## USEFUL ARTS

The books in this group which sometimes present difficulties are those which are made up of miscellaneous chapters and so require group headings. Archibald Williams' books come under this class and other "How to" books as well as the "Stories of industry" as told by Chase and Clow. Three subject headings have been chosen for the sake of grouping books of this character: Industries, Manufactures and Handicraft.

**Industries.** Used for the books devoted to the mechanical and economic aspects of the great industries. The study is usually made by tracing certain types, as cotton, lumber, sugar, coal, etc., from the production of the raw material through the various changes needed to make the product useful to man. A book of this type is Keller and Bishop's "Commercial and industrial geography."

**Manufactures.** Includes those books which tell how definite articles are made in a commercial sense. Williams' "How it is made" takes this heading.

**Handicraft.** Used for those books which describe in detail for the amateur the construction of simple machines, manufactured articles, toys, etc., as does Waite's "Boys workshop." It is made to include arts and craft work and all other handwork concerned with the application of art to industry. The heading may sometimes duplicate the heading Occupations for children, but it is usually used for books somewhat more advanced than those included under that heading.

**Manual training.** "In spite of many objections, the term 'manual training' has come to be generally applied to all forms of constructive handwork when used as an agent in general education." Monroe. "Cyclopedia of education."

Used only for the books which have this educational purpose.

**Carpentry.** Used for the books on woodworking which are not included under the heading Manual training or Woodcarving. Foster's "Carpentry and woodwork" takes this heading.

These scientific headings follow the same ruling as to the use of specific terms as that applied to other subjects. If a bridge has a special name, enter under that name, as Brooklyn bridge, and do not include the material under Bridges.

Subjects may sometimes be collected through references. Fuel is an example of this. The books and chapters on coal, gas, peat,

petroleum and wood all touch upon these products as fuel, and yet no one of them covers the subject sufficiently to warrant a heading. In the adult catalog the reader interested in fuel would know of the relation of these subjects, but the children are not versed enough in science to make the deduction.

## BIOGRAPHY—HISTORY—GEOGRAPHY

**Biography.** A broad group heading used for those collections which are too general to be limited to any one class or subject, as Harper's "Leaders of men" and Steedman's "When they were children." When lives of persons belonging to any special class or occupation are collected in one book, the subject heading should be expressive of that class or occupation; for example, a collection of sketches of literary men and women takes the heading Authors, and if a collection is made up of lives of Explorers, Inventors, or Presidents, these specific headings are adopted. Such headings as Kings and rulers, Queens, Soldiers, etc., should be freely used for collective biographical material.

**Individual biography.** Much good material about individuals is buried in the collective biographies and in works of history and description, and for this reason it is wise to be generous in making analytical entries for persons of any importance. McMurry's "Pioneers of the Mississippi valley," the Morris series of "Historical tales," Parkman's "Prose passages," all contain valuable biographical material although the books are classed as History.

When the same personal name is used for both a subject and an author entry in the dictionary catalog, the form of this name must of course be the same for both entries. Books by Louisa May Alcott and books about her should be entered under the same fullness of name.

**Heroes and heroism.** This heading includes three subjects in one: (1) it is used for collections of hero-tales which are also entered under Legends, as Canton's "Child's book of warriors"; (2) for those biographical sketches of real people in which the author tells his story to emphasize the heroic quality of the character, as Baldwin's "American book of golden deeds"; and (3) it is made to cover the ethical collections which emphasize deeds of heroism and valor, as Ewing's "Jackanapes."

**History and biography.** Detailed biographical facts make little appeal to children, nor does history as told in textbooks arouse much interest, so the author in order to make his history interesting often resorts to the method of having his historical setting

center in a hero of the time. It is often difficult to determine the classification of books of this character, but if there is doubt it is usually safer to consider them as Biography. The two books by Marshall, on Cromwell and Napoleon, seem to be on the border line between history and biography, but they are so limited to the actions and achievements of those two leaders that they are classed as Biography. These biographies of historical figures should be connected with the history by references, as England—*History*. *See also* Cromwell, Wellington, etc.

## HISTORY

Those histories which give a consecutive and connected narrative, as do Marshall's "Island story" and Guerber's "Story of the English" are entered under the place with subdivision *History*, as England—*History*.

In other history material for children the writer approaches his subject through biographical characters and by narrating great events which interest through their dramatic setting. Because of this method of treatment the same plan of entry is recommended as is followed in other subjects, namely to enter directly under the specific heading rather than use the specific heading as a subdivision under the broad class, as American revolution, not United States—*History—Revolution*. This gives the alphabetical rather than the chronological arrangement, and while it will in some libraries be a divergence from the arrangement followed in the adult catalog for the same material, I believe the practical use to the child will justify the change.

**North America.** Most of the books which take this heading are entered under the subdivision *Discovery and settlement*. As the period divisions are not sharply drawn in children's books it will be difficult in some cases to limit the entry to this one heading. Often the heading Colonial period, United States, will have to be used also. Many books which are entered under United States—*History* should be analyzed to bring out the period of discovery.

**United States.** Used for general histories. Do not enter here the books on Discovery of America; these go under North America. References must be made to each specific event or period of United States history which is entered under its definite name, as Louisiana purchase, Declaration of independence, Spanish-American war, etc.

**The West.** Covers the history and description of that part of

the United States west of the Mississippi river, if not limited to some state or region of less extent, as the Rocky mountains, in which case the more specific heading is used. References are made from this heading to Frontier life and Ranch life.

**Frontier life** is used to bring together the biographies and histories which show this phase of life, as Barstow's "The westward movement," and Grinnell's "Beyond the old frontier." The heading is not limited to any special region.

**Northwest Territory, United States** is used as a history heading and not as a geographical heading. Do not enter here the books descriptive of the region between the Ohio and Mississippi rivers and the Great Lakes. It applies only to the Old Northwest Territory. Baldwin's "Conquest of the Old Northwest" takes this heading.

**Wars** are entered under the name of the war and not as a subdivision of the country where fought, as Mexican war, War of 1812, Crimean war, etc. Reference is always made from the history heading to the war and the reverse reference should be made unless the history books are fully analyzed.

**Battles.** This heading is used to include accounts of battles fought on land and sea or land battles alone. Naval battles are entered under Naval battles. Single battles are entered under the name of the battle, as Marathon, Battle of; Gettysburg, Battle of, etc. Reference is made from Wars to individual battles and also from Battles to names of battles.

**Explorers.** A heading used to include exploration not limited to one country and also the biographical material, or collections of lives of explorers. Verne's "Famous travels and travelers" takes this heading, as does Jenks' "Boy's book of explorations." When the exploration is limited to one country, it is entered under that country, as Africa—*Exploration.* Explorations made by individuals are entered under the individual, as Stanley, Hudson, etc. As a subdivision under United States it includes explorations made into the western part of the country and should not be confused with the subject of early discovery. McMurry's "Pioneers of the Rocky mountains and the West" takes the heading, United States —*Exploration.*

**Voyages** is used for sea voyages not limited to a definite region, as Dana's "Two years before the mast." Voyages to a definite region are entered under that region, as Arctic regions.

**Travel** is used for those land and sea journeys covering many countries, which are not undertaken for purposes of exploration. If limited to any one country the entry is under country

with subhead *Description and travel*, as Mexico—*Description and travel* for Plummer's "Roy and Ray in Mexico."

**Manners and customs** is used as a main heading and also as a subdivision under place. It covers those books which describe the life and habits of the people of a definite locality and are written to acquaint children with people who live in far away countries. Many geography readers take this heading. Andrews' "Seven little sisters" takes the general heading Manners and customs, and Headland's "The Chinese boy and girl" takes the heading China—*Manners and customs. Description and travel* is used under place when the book gives an account of a place, while *Manners and customs* is used when the people are described.

## GEOGRAPHY

**Geography.** Used as a main heading and as a subdivision under place if desired. As a main heading it is used to cover books descriptive of the natural features of the earth, clime, products, races of men, and often these include industries and commerce. These books are usually textbooks, such as Tarr and McMurry's Geographies. The books limited to the industries, commerce, manufactures, etc., of the people without discussion of the physical features of the land are entered under Industries. This heading is more closely defined in the chapter on Science.

Geography is used as a subdivision under place only when it is desirable to bring all the material of one place together, such as all the books or chapters bearing on one's own State, as Pennsylvania—*Geography*, or Wisconsin—*Geography*.

**Physical geography.** Used for such books as Kingsley's "Madame How and Lady Why" as well as the more definite textbooks, as Davis' "Elementary physical geography." It is limited to the physical features of the earth, as earthquakes, volcanoes, coral reefs, glaciers, rivers, etc.

**Geography—*Readers*.** Used as a group heading for the books which are valuable for purposes of supplementary reading, but which are rather too popular and miscellaneous to be entered under Geography, as Carpenter's "How the world is housed."

# List of Subject Headings

# INTRODUCTION

This List includes all the subject entries which have been actually used in making a full analytical dictionary catalog of a collection of children's books belonging to one of the larger public libraries. No headings have been eliminated—geographical names, personal names, names of birds, flowers, trees, animals, machines, cities, days, etc., have all been included. The number of such names is only limited by the scope of the collection cataloged.

Because the headings given are limited to one collection, it necessarily follows that many new subjects will have to be added when cataloging any other library. This List is merely a working basis to be used as a foundation for making lists which shall meet individual needs. New headings must be added as needed and these must be correlated with the ones already included; references must increase with the development of subjects, and definitions must be formulated to insure uniformity of treatment. The United States Department of Agriculture, for example, has just issued a very good pamphlet on Bird houses which will be added to the collections in many children's rooms, and when this is cataloged the heading Bird houses must be added to this List because it is a subject not yet represented.

**Form divisions.** *Poetry* (Page 15) and *Stories* (Page 13) may be used as subdivisions under any subject in this List when it is desirable to emphasize these forms, as Indians of America—*Stories*, Birds—*Poetry*, Middle ages—*Stories*, Russia—*Stories*, Civil war, United States—*Stories*.

**Subdivision under place.** The following subdivisions may be used under any place name:

*Description and travel* (Page 20)
*Exploration* (Page 22)
*Folklore* (Page 12)
*Geography* (Page 23)
*History* (Page 21)
*Manners and customs* (Page 23)

These subdivisions have only been given in the List when it was necessary to indicate the references to and from the subject, as England—*Description and travel*. The fact that they are not given is no indication that their use is not recommended.

**Place versus subject entry.** When it is necessary to choose between place and subject, preference is given to subject. The books to be cataloged seldom emphasize the local side of a subject and the children are more often led to the direct subject than to the country of which that subject may be used as a subdivision. For those who wish to make the juvenile catalog consistent with the adult catalog, or who desire to group subjects under the United States as main entry, a list of such subdivisions has been added at the end of the List. If this is used the duplicate entries in the main part of the List must be deleted, and references made from the subdivisions to the United States headings, as Industries *see also* United States—*Industries*.

**References.** References have been very generally suggested, but should be used at the discretion of the cataloger. Where so many specific and minute terms are used it is essential to keep the chain of references quite complete. They are needed not only to correlate subjects, but also to suggest specific headings which might not occur to the cataloger.

In the juvenile catalog it is necessary to consider the individual books entered under the subjects to which and from which we refer. We must be sure that the heading to which reference is made contains new material and not analytical entries for the identical book which is already entered under the heading referred from. A book on Sports would be entered under this heading and each chapter would be entered under its special subject, as Football. If we refer from Sports to Football we may not be getting any more material than we had under Sports.

References have been freely made from small to larger subjects. This is contrary to the general rule, but in a catalog of this kind it will be found necessary. For example, the catalog may show but one entry under Pilgrim fathers, but more material is to be found in the books entered under Colonial period. Unless every bit of material is analyzed these references should be made.

General references have been added in many cases after the "See also" references merely to save space. Many catalogers will find it more useful to mention definite terms than to use the phrase with only one example. It is more definite to refer from a history heading to all the wars by name than to say "See also names of wars."

**Personal names.** Proper names have been included so they may be easily accessible to the cataloger. The same names are certain to appear in the juvenile catalogs of the various libraries and often it is difficult to identify them or discover the correct

form of entry. The full form is given in every case where it has been possible to obtain it, but the short form recommended for use in a catalog for children has been indicated by inclosing the part not to be used in brackets, as Garfield, James A[bram]. The form recommended is that commonly used in the schools; for example, James Russell Lowell is left full because the children learn of Lowell by his full name. They do not know Mrs Priscilla (Mullins) Alden, but do know Priscilla Alden. Names not well known, or which there was no definite reason for abbreviating, have been left in full, to be shortened at the discretion of the cataloger.

Only one name is used for classical names unless more are needed for identification or to distinguish from another of the same name.

The phrase which connects kings and queens with their country has been retained, but the rest of the name is considered unnecessary. Noblemen and other titled persons are shortened to the title only, as Marlborough, duke of.

References are given from the form of the name not used to the one adopted, and these are traced in the same way as subjects.

**Abbreviations.** (s) after a subject heading indicates that the reference from that subject is a "see" reference. Subjects not so marked are "see also" references. The abbreviation *e. g.* has been used to introduce examples in order to make this List uniform with the A. L. A. "List of subject headings," but in a catalog for children it would be better to introduce such examples by *as*.

**Page references.** The page numbers after some of the headings refer to the discussion of those headings in this text.

# SUBJECT HEADINGS FOR JUVENILE BOOKS

---

**Á Becket,** St. Thomas *see* Thomas à Becket, St.
Abolition of slavery *see* Slavery
**Aboukir bay, Battle of, 1798** — *Refer from* Nile, Battle of the, 1798 (s)
**Abyssinia**
**Acadia**
**Accidents**
*See also* Life-saving; Shipwrecks — *Refer from* Emergencies (s); First aid in illness and injury; Injuries (s); Life-saving; Nurses and nursing
**Acorns**
*See also* Oak trees
**Acrobats**
*See also* Circus
**Actors and acting**
*See also* Drama; Miracle plays; Moving pictures; Operettas; Pageants; Pantomime; Plays; Puppet shows; Tableaux — *Refer from* Biography; Drama; Plays; Theater (s)
**Adams,** *Mrs* Abigail (Smith)
**Adams,** John
**Adams,** John Quincy
**Adams,** Samuel
**Addison,** Joseph
Addresses *see* Orations
**Adobe**
**Adventure**
*See also* Explorers; Frontier life; Hunting; Pirates; Sea stories; Shipwrecks; Sports; Travel; Voyages; (The) West — *Refer from* Escapes (s); Heroes and heroism; Stories (s); Voyages
**Æneas**
Aerial navigation *see* Airships; Balloons; Aeroplanes
**Aeroplanes**
*See also* Airships; Balloons — *Refer from* Aerial navigation (s); Airships; Biplanes (s); Flying; Flying machines (s); Mechanics; Sports; Transportation
**Æsop** — *Refer from* Esop (s)
Ætna, Mount, *see* Etna, Mount
**Afghanistan**
**Africa**
**——Description and travel**
*See also* Bushmen; Congo river; Nile river; Sahara desert; *also* names of countries, e.g. Egypt.

**Africa**—Continued
**——Exploration**
*See also* names of African explorers, e.g. Livingstone, David; Stanley, Sir Henry Morton — *Refer from* Discoveries (in geography) (s); Exploration (s); Explorers
**Africa, South**
*See also* Cape Colony; Kafirs — *Refer from* Boers; England—Colonies; Kafirs; South Africa (s)

**——History**
*See also* Boer war, 1899-1902
**Agamemnon,** *king of Mycenæ*
*See also* Trojan war — *Refer from* Greece, Ancient
**Agassiz,** Louis
**Agesilaus II,** *king of Sparta*
**Agincourt, Battle of, 1415** — *Refer from* England—History; France—History

**Agis IV,** *king of Sparta*
**Agricola**
Agriculture *see* Farming
**Aguinaldo,** Emilio
**Ainos** — *Refer from* Japan
**Air**
*See also* Barometer; Liquid air — *Refer from* Atmosphere (s); Gases; Physics; Weather

Air, Liquid *see* Liquid air
**Airships**
*See also* Aeroplanes; Balloons — *Refer from* Aerial navigation (s); Aeroplanes; Balloons; Dirigible balloons (s); Flying; Flying machines (s); Gases; Mechanics; Zeppelins (s)

**Alabama and Kearsarge (ships)** — *Refer from* Kearsarge (ship) (s)
**Alamo, Siege of the, 1836**
**Alaric,** *king of the Visigoths* — *Refer from* Goths
**Alaska** — *Refer from* Arctic regions; Eskimos
**Albemarle (ship)** — *Refer from* Warships
Alchemy *see* Chemistry
**Alcibiades**
**Alcott,** Louisa May — *Refer from* Women—Biography
**Alden,** [*Mrs*] Priscilla [(Mullins)]
**Aldrich,** Thomas Bailey
**Alembert,** Jean le Rond d' — *Refer from* D'Alembert, Jean le Rond (s)
**Alexander the Great,** *king of Macedon* — *Refer from* Macedonia
**Alexandria**
**Alfred the Great,** *king of England* — *Refer from* England—History; Kings and rulers

**Algeria** — *Refer from* Moors
**Alhambra** — *Refer from* Moors; Spain—Description and travel

Alighieri, Dante *see* Dante Alighieri
All fools' day *see* April fools' day
**Allen,** Ethan
**Alligators**
*See also* Crocodiles; Reptiles — *Refer from* Crocodiles; Ocean life; Reptiles

**Almanacs**
*See also* Calendars — *Refer from* Astronomy; Calendars
**Alphabet**
*See also* Lettering; Primers; Writing — *Refer from* Language; Writing
**Alps mountains** — *Refer from* Mountains; Switzerland—Description and travel

**Aluminum**
*See also* Metals
**Alvarado, Pedro de**
Amateur theatricals *see* Plays

**Amazon river**

*Refer from* South America—Description and travel

**Amazon valley**

**Amber**

**Ambition**

*Refer from* Character; Ethical stories; Success

America *see* Central America; North America; South America; United States

American colonial history *see* Colonial period, United States

American flag *see* Flags

American history *see* United States—History

American Indians *see* Indians of America

**American literature**

*See also* Authors; Books and reading; Drama; English literature; Humor; Letters—Collections; Orations; Poetry; Poets; Readers and speakers

*Refer from* Authors; English literature; Literature; Literature—American (s)

American poetry *see* Poetry

**American revolution**

*See also* Boston massacre, 1770; Boston tea party, 1773; Declaration of independence; Stamp act, 1765; United States—History; *also* names of battles, e. g. Lexington, Battle of, 1775

*Refer from* Boston massacre, 1770; Boston tea party, 1773; Bunker Hill, Battle of, 1775; Declaration of independence; Lexington, Battle of, 1775; Revolutionary war, United States (s) Stamp act, 1765; United States—History; United States—History—Revolution (s)

**Amsterdam**

**Amusements** (Page 16)

*See also* Camping; Charades; Circus; Dances; Dolls; Electric toys; Fairs; Fencing; Fireworks; Fishing; Games; Handicraft; Hunting; Kites; Magic; Magic lanterns; Moving pictures; Occupations for children; Pageants; Pantomime; Paper work; Parties; Picnics; Plays; Puppet shows; Riddles; Riding; Scientific recreations; Skating; Soap bubbles; Sports; Tableaux; Toys; Tricks and puzzles; Ventriloquism

*Refer from* Entertainments (s); Games; Manners and customs; Occupations for children; Parties; Play (s); Recreations (s); Sports; Toys

Anatomy *see* Physiology

Ancient history *see* History, Ancient

**Andersen,** Hans Christian

**Andersonville prison**

*Refer from* Prisons

**Andes mountains**

*Refer from* South America—Description and travel

**André,** *Maj.* John

**Andrea del Sarto**

*Refer from* Sarto, Andrea del (s)

**Andrée,** Salomon Auguste

**Andrew,** John Albion

**Andrews,** Jane

**Androclus**

**Angelico,** *Fra* [Giovanni]

*Refer from* Fra Angelico (s)

Angélique de Saint-Jean *see* Arnauld, Angélique

Angelo, Michael *see* Michael Angelo

**Angels**

**Anglo-Saxons**

*See also* England—History

*Refer from* England—History; Saxons (s)

Animal houses *see* Animals—Houses

Animal kingdom *see* Animals; Ocean life; Zoology

Animal lore *see* Animals—Stories; Fables

Animal stories *see* Animals—Stories

**Animals** (Page 18)
*See also* Birds; Fish; Fossils; Hibernation; Hunting; Insects; Kindness to animals; Menageries; Natural history; Ocean life; Reptiles; Taxidermy; Worms; Zoology; *also* names of animals, e.g. Bears, Horses

*Refer from* Animal kingdom (s); Beasts (s); Domestic animals (s); Farm animals (s); Natural history; Nature; Wild animals (s); Zoology

**——Care**
*See also* Animals—Houses; Animals—Training; Kindness to animals

*Refer from* Animals—Houses; Kindness to animals; Pets

**——Extinct**
*See also* Fossils; Mammoths

*Refer from* Extinct animals (s); Fossils; Mammoths

**——Houses**
*See also* Animals—Care; Aquariums; Menageries

*Refer from* Animal houses (s); Animals—Care; Houses

**——Poetry**

*Refer from* Poetry—Collections

**——Stories**
*See also* Fables; *also* names of animals, subhead Stories, e.g. Birds—Stories, Dogs—Stories

*Refer from* Animal lore (s); Animal stories (s); Legends

**——Training**
*See also* Circus

*Refer from* Animals—Care

Animals, Kindness to *see* Kindness to animals
Annapolis, United States Naval Academy *see* United States Naval Academy, Annapolis
**Anne,** *queen of England*

*Refer from* Women—Biography

**Anne Boleyn,** *queen of England*
Anniversaries *see* Holidays; *also* names of special days, e.g. Thanksgiving day
Ant *see* Ants
**Ant lions**
**Antarctic regions**
*See also* Arctic regions; Explorers

*Refer from* Arctic regions; Discoveries (in geography) (s); Geography; Polar regions (s); South pole (s); Voyages

**Antelopes**
**Anthony,** Susan B[rownell]
Anthropology *see* Man
**Antinous**
Antiquities *see* Archaeology
Antiquity of man *see* Man—Prehistoric
Antislavery *see* Slavery
**Antony,** Mark
**Ants**

*Refer from* Ant (s)

**Antwerp**
**Apes**
*See also* Baboons; Monkeys

*Refer from* Baboons; Chimpanzees (s); Gorillas (s); Monkeys; Orang-outangs (s)

**Appalachian mountains**
**Apple trees**
**Apples**

*Refer from* Fruit

**April fools' day**

*Refer from* All fools' day (s); Holidays

**Aquariums**

*Refer from* Animals—Houses; Fish; Natural history; Ocean life

**Aqueducts**

*Refer from* Engineering; Water supply

**Arabia**

*Refer from* Bedouins

**Arabian nights' entertainments**
**Aratus**
**Arbitration**
*See also* Peace

*Refer from* Law; Peace

Arblay, *Mme* Frances (Burney) d'
*see* Burney, Fanny
**Arbor day**
*See also* Forestry; Nature; Trees

*Refer from* Days (s); Forestry; Holidays; Nature; Trees

**Arbutus**
*Refer from* Trailing arbutus (s)

Arc, Joan of *see* Joan of Arc

**Archaeology**
*See also* Arms and armor; Catacombs; Cave dwellers; Civilization; Cliff dwellers; Indians of America; Lake dwellers; Man—Prehistoric; Mound builders; Obelisks; Pyramids; Sphinx; Stone age; Temples; Tombs
*Refer from* Antiquities (s); History; Man—Prehistoric; Manners and customs; Ruins (s); Stone age

**Archery**
*Refer from* Arrows (s); Athletics; Bow and arrow (s); Games; Sports

**Archimedes**

**Architecture**
*See also* Bridges; Carpentry; Heating; Houses; Masonry; Metal work
*Refer from* Art; Building (s); Engineering; Houses

**Arctic regions**
*See also* Alaska; Antarctic regions; Eskimos; Explorers; Greenland; Icebergs; *also* names of Arctic explorers, e.g. Nansen, Fridtjof
*Refer from* Antarctic regions; Discoveries (in geography) (s); Eskimos; Geography; Ice; Icebergs; North pole (s); Northeast passage (s); Northwest passage (s); Polar regions (s); Voyages

**Argentine Republic**

**Argonauts**
*Refer from* Golden fleece (s); Heroes and heroism; Jason (s); Myths

**Aristides**

**Aristotle**

**Arithmetic**

**Arizona**

**Arkwright,** *Sir* Richard

Armada, 1588 *see* Spanish armada, 1588

**Armenia**

Armies *see* Army life; Battles; Flags; Naval battles; Naval life; Signals; Soldiers; Torpedoes; *also* names of countries, subhead Army, e.g. France—Army, United States—Army

**Armor plate**
*See also* Warships
*Refer from* Shipbuilding; Steel; Warships

Armored vessels *see* Warships

**Armour,** Philip D[anforth]

**Arms and armor**
*See also* Guns; Heraldry; Swords; Weapons
*Refer from* Archaeology; Costume; Guns; Heraldry; Swords; Weapons

Army, United States *see* United States—Army

**Army life**
*See also* Naval life; Soldiers
*Refer from* Armies (s); Military life (s); Soldiers; United States—Army

**Arnauld,** Angélique
*Refer from* Angélique de Saint-Jean (s)

**Arnold,** Benedict

**Arnold,** Thomas

Arrows *see* Archery

**Art**
*See also* Architecture; Artists; China painting; Clay modeling; Coins; Collectors and collecting; Costume; Design; Drawing; Embroidery; Etching; Furniture; Handicraft; House decoration; Ironwork; Jewelry; Lace; Leather work; Metal work; Museums; Music; Painting; Paper work; Photography; Pictures; Pottery; Pyrography; Sculpture; Sew-
*Refer from* Arts, Fine (s); Design; Fine arts (s); Painting; Sculpture

| | |
|---|---|
| **Art**—Continued<br>ing; Stencil work; Tapestry; Wood-carving | |
| **——Education** | |
| **Art galleries** | *Refer from* Picture galleries (s) |
| **Artaxerxes I,** *king of Persia* | |
| **Artaxerxes II,** *king of Persia* | |
| **Artesian wells** | *Refer from* Water supply |
| **Arthur, King** (Page 10)<br>*See also* Holy grail | *Refer from* Round Table (s); Chivalry; Holy grail; King Arthur (s); Knights of the Round Table (s); Lancelot of the Lake; Legends; Merlin; Romances (s) |
| **Arthur,** Chester A[lan] | |
| Artificial flowers *see* Paper work; Wax flowers | |
| Artillery *see* Guns | |
| **Artists**<br>*See also* Musicians; Painters; Sculptors; also names of artists, e.g. Michael Angelo | *Refer from* Art; Biography; Painters; Painting; Pictures; Sculptors |
| Arts, Fine *see* Art | |
| Arts, Useful *see* Handicraft; Industries; Manufactures | |
| Arts and crafts *see* Handicraft | |
| **Aryans** | |
| **Ash trees** | |
| **Asia** | |
| **——Description and travel**<br>*See also* Himalaya mountains; *also* names of countries, e.g. India | *Refer from* Levant |
| Aspiration *see* Ideals | |
| Assisi, Francis of, St. *see* Francis of Assisi, St. | |
| **Assyria** | |
| **Asters** | *Refer from* Flowers |
| **Astor,** John Jacob | |
| **Astronomy**<br>*See also* Almanacs; Aurora borealis; Calendars; Comets; Earth; Eclipses; Gravitation; Meteors; Moon; Planets; Seasons; Sky; Stars; Sun; Telescope; Tides | *Refer from* Comets; Eclipses; Gravitation; Meteors; Moon; Planets; Science; Sky; Solar system (s); Stars; Sun; Tides |
| **Athens**<br>*See also* Greece, Ancient; Parthenon | *Refer from* Greece, Ancient; Parthenon |
| **Athletics** (Page 17)<br>*See also* Archery; Baseball; Basketball; Fencing; Football; Olympic games; Physical education; Rowing; Running; Skating; Sports; Swimming; Walking | *Refer from* College athletics (s); Exercise (s); Games; Gymnasiums; Olympic games; Physical education; Play (s); Running; Sports; Track athletics (s) |
| **Atlantic cable** | *Refer from* Cables; Submarine cables (s); Telegraph |
| Atmosphere *see* Air; Weather | |
| **Attila,** *king of the Huns* | |
| **Aucassin and Nicolette** | *Refer from* Nicolette (s) |
| **Auctions** | *Refer from* Business; Commerce |
| **Audubon,** John James | *Refer from* Scientists |
| **Augustine,** St. [*abp. of Canterbury*] | *Refer from* Aurelius Augustinus (s); St. Augustine (s) |
| **Augustus,** [Caius Octavius,] *emperor of Rome* | *Refer from* Octavius Cæsar (s) |
| Aurelius Antoninus, Marcus, emperor of Rome *see* Marcus Aurelius, emperor of Rome | |

Aurelius Augustinus *see* Augustine, St. abp. of Canterbury

**Aurora borealis**
*Refer from* Astronomy; Light; Northern lights (s); Sky

**Australasia**
**Australia**
*Refer from* England—Colonies
——**Exploration**
*Refer from* Exploration (s); Explorers
**Austria-Hungary**
*Refer from* Hungary (s)
——Description and travel
*See also* names of cities, e.g. Budapest, Vienna

**Authors**
*Refer from* American literature; Biography; Books and reading; English literature; Literature; Poets; Writers (s); Writing
*See also* American literature; Books and reading; English literature; Journalism; Literature; Poets; *also* names of authors, e. g. Dickens, Charles

**Automobiles**
*Refer from* Manufactures; Mechanics; Motor carriages (s); Sports; Transportation

**Autumn**
*Refer from* Fall (s); Seasons
*See also* Seasons

**Azores**

**Aztecs**
*Refer from* Indians of America
*See also* Mexico; Montezuma II, emperor of Mexico

**Baboons**
*Refer from* Apes; Monkeys
*See also* Apes; Monkeys.

**Babylon**

**Bach,** Johann Sebastian

**Bacon,** Francis

**Bacon,** Roger

**Bacon's rebellion, 1676**
*Refer from* Colonial period, United States
*See also* Colonial period, United States

Bacteria *see* Germs

**Badgers**

Bæda *see* Bede, *The Venerable*

**Bahama islands**
*Refer from* West Indies

**Bainbridge,** William

**Baker,** *Sir* Samuel White

**Bakers and bakeries**
*Refer from* Baking (s); Bread; Food
*See also* Bread; Cooking

Baking *see* Bakers and bakeries; Cooking

Balaklava *see* Light Brigade, Charge of the

**Balboa,** [Vasco Nuñez de]

**Baldwin III,** *king of Jerusalem*

**Balearic isles**
*Refer from* Spain—Description and travel

**Balkan states**
*See also* Bosnia; Bulgaria; Montenegro; Servia

Ball *see* Baseball; Basket-ball; Football

**Ballads** (Page 16)
*Refer from* English literature; Folk songs; Folklore (s); Legends; Literature; Poetry—Collections; Songs
*See also* Folk songs; Poetry; Songs

**Balloons**
*Refer from* Aerial navigation (s); Aeroplanes; Airships; Flying; Gases; Sports
*See also* Airships; Kites

**Baltimore,** [Cecilius Calvert,] *baron*
*Refer from* Calvert, Cecilius, baron Baltimore (s)

**Bamboo**
*Refer from* Furniture; Wood

**Bancroft,** George

**Banian trees**

**Bank of England**
*Refer from* Banks and banking

**Banks,** *Sir* Joseph

| | |
|---|---|
| **Banks and banking** | |
| *See also* Bank of England; Money | *Refer from* Business; Commerce; Finance (s); Money; Wealth |
| Banners *see* Flags | |
| **Bannockburn, Battle of, 1314** | |
| **Barbados** | |
| Barbarossa, Frederick *see* Frederick I (Barbarossa), emperor of the Holy Roman Empire | |
| **Barnacles** | *Refer from* Ocean life |
| **Barney,** Joshua | |
| **Barometer** | *Refer from* Air; Physics; Storms; Thermometer; Weather |
| **Barry,** John, *commodore* | |
| **Barton,** Clara | |
| **Baseball** | *Refer from* Athletics; Ball (s); Games; Sports |
| **Basket-ball** | *Refer from* Athletics; Ball (s); Games; Sports |
| **Baskets** | |
| *See also* Raffia work | *Refer from* Handicraft; Raffia work; Weaving |
| **Basques** | *Refer from* France—History |
| **Bastille** | *Refer from* Prisons |
| **Baths and bathing** | |
| *See also* Diving; Swimming | *Refer from* Cleanliness (s); Hygiene; Swimming |
| **Bats** | |
| Batteries *see* Electricity | |
| Battle-ships *see* Warships | |
| **Battles** (Page 22) | |
| *See also* Naval battles; *also* names of battles, e. g. Marathon, Battle of, 490 B. C. | *Refer from* Armies (s); Fighting (s); History; Naval battles; Soldiers; War |
| **Bayard,** *chevalier* de | |
| **Bazaars** | |
| *See also* Fairs; Markets | *Refer from* Fairs; Markets |
| **Beaconsfield,** [Benjamin Disraeli,] *earl of* | *Refer from* Disraeli, Benjamin, earl of Beaconsfield (s) |
| **Beadwork** | |
| *See also* Indians of America—Industries | *Refer from* Fancywork (s); Handicraft; Jewelry; Needlework (s); Sewing |
| **Beans** | |
| **Bears** | *Refer from* Animals |
| Beasts *see* Animals | |
| **Beavers** | |
| Becket, St. Thomas à *see* Thomas à Becket, St. | |
| **Bede** | *Refer from* Bæda (s) |
| **Bedford,** [John Plantagenet,] *duke* of | *Refer from* John of Lancaster (s) |
| **Bedouins** | |
| *See also* Arabia | |
| **Beecher,** Henry Ward | |
| **Bees** | *Refer from* Farming |
| **Beet sugar** | |
| *See also* Sugar | *Refer from* Sugar |
| **Beethoven,** Ludwig van | |
| **Beetles** | |
| *See also* Insects | *Refer from* Insects |
| Behavior *see* Conduct; Manners | |
| **Belgium** | |
| **Bell,** Alexander Graham | |
| Bell, Currer, *pseud. see* Brontë, Charlotte, afterward Mrs Nicholls, (*pseud.* Currer Bell) | |

**Benares**
**Benbow,** John
**Bennett,** James Gordon
**Benton,** Thomas Hart
**Beowulf** — *Refer from* Folklore (s); Legends
**Berbers**
**Berlin** — *Refer from* Germany — Description and travel
**Berlioz,** Hector
**Bermuda islands**
Bernardin de Saint Pierre, Jacques Henri *see* Saint Pierre, Jacques Henri Bernardin de
Berries *see* Fruit; *also* names of special berries, e.g. Cranberries
**Bessemer,** *Sir* Henry — *Refer from* Steel
**Bible** — *Refer from* Holy Bible (s); Jesus Christ; New testament (s); Old testament (s)
**Bible stories**
*See also* David; Jesus Christ; Jews; Moses — *Refer from* Religion; Stories (s)
Bickerstaff, Isaac, Esq. *pseud. see* Steele, Sir Richard
**Bicycles and bicycling**
*See also* Motor cycles — *Refer from* Cycling (s); Sports
**Biddle,** Nicholas
Big game *see* Hunting
**Big trees** — *Refer from* Trees
**Biography** (Page 20)
*See also* Actors and acting; Artists; Authors; Doctors; Explorers; Girls; Heroes and heroism; Indians of America—Biography; Inventors; Kings and rulers; Ministers; Musicians; Painters; Pilgrim fathers; Poets; Presidents; Queens; Sailors; Saints; Scientists; Sculptors; Soldiers; Statesmen; Teachers; Women—Biography — *Refer from* History; Lives (s); United States—Biography (s); Women—Biography
Biplanes *see* Aeroplanes
**Birch trees** — *Refer from* Trees
**Bird day** — *Refer from* Birds; Days (s); Holidays
**Birds**
*See also* Bird day; Eggs; Falconry; Flying; Nests; Taxidermy; also names of birds, e.g. Robins, Sparrows — *Refer from* Animals; Flying; Nature; Nests; Ornithology (s); Zoology
——**Migration** — *Refer from* Migration of birds (s)
——**Songs**
——**Stories** — *Refer from* Animals—Stories
Birds' eggs *see* Eggs
Birds' nests *see* Nests
**Birds of paradise**
Birthdays *see* Holidays; Lincoln's birthday; Washington's birthday; *also* names of people, subhead Birthday exercises, e.g. Longfellow, Henry Wadsworth—Birthday exercises } (Page 16)
**Bismarck,** *Prince* von
Bison *see* Buffaloes
**Black,** Joseph
Black Douglas *see* Douglas, Sir James
**Black Forest** — *Refer from* Germany — Description and travel
**Black Hawk,** *Indian chief*
(The) Black Prince *see* Edward, the Black Prince

| | |
|---|---|
| **Blackbirds** | |
| **Blackboard drawing** | *Refer from* Chalk modeling (s); Drawing |
| **Blacksmithing** | *Refer from* Forging (s); Horseshoeing (s); Industries; Ironwork; Trades (s) |
| **Blackstone,** William | |
| **Blaine,** James G[illespie] | |
| **Blake,** *Admiral* Robert | |
| **Blarney stone** | |
| **Blue grotto** | |
| **Blue jays** | |
| **Boadicea** | |
| Boarding school stories *see* School stories | |
| **Boars** | |
| **Boasting** | *Refer from* Character; Ethical stories |
| Boat racing *see* Rowing | |
| **Boats and boating** | |
| *See also* Canoes and canoeing; House boats; Ice boats; Life-saving; Motor boats; Rowing; Ships; Steamboats; Submarine boats; Torpedo boats; Yachts and yachting | *Refer from* Canoes and canoeing; House boats; Ice boats; Rowing; Sailing (s); Shipbuilding; Ships; Sports; Yachts and yachting |
| **Bobolinks** | |
| Body, Human *see* Hygiene; Physiology | |
| **Boer war, 1899-1902** | *Refer from* Africa, South — History; Boers; South African war, 1899-1902 (s) |
| **Boers** | |
| *See also* Africa, South; Boer war, 1899-1902. | |
| Boleyn, Anne *see* Anne Boleyn, queen of England | |
| **Bolivar,** Simon | |
| **Bolivia** | |
| **Bombay** | *Refer from* India—Description and travel |
| **Bon Homme Richard and Serapis (ships)** | *Refer from* Serapis (ship) (s) |
| Bonaparte, Louis Napoleon *see* Napoleon III, emperor of the French | |
| Bonaparte, Napoleon *see* Napoleon I, emperor of the French | |
| Bondone, Giotto Angiolotto *see* Giotto, Angiolotto Bondone | |
| **Bonheur,** Rosa | |
| **Boniface, St.** | *Refer from* St. Boniface (s) |
| **Bookbinding** | |
| *See also* Leather work | *Refer from* Books and reading; Handicraft; Industries |
| **Books and reading** | |
| *See also* Authors; Bookbinding; Literature; Printing | *Refer from* American literature; Authors; Education; English literature; Literature; Readers and speakers; Reading (s); Writing |
| **Boone,** Daniel | |
| **Booth,** *Mrs* Ballington | |
| **Booth,** *Mrs* Catherine (Mumford) | |
| Boots *see* Shoes | |
| Border life *see* Frontier life | |
| **Borneo** | *Refer from* Dyaks; East Indies |
| **Bosnia** | |
| *See also* Balkan states | *Refer from* Balkan states |
| **Boston** | *Refer from* United States—Description and travel. |
| **Boston massacre, 1770** | |
| *See also* American revolution | *Refer from* American revolution; Colonial period, United States |
| **Boston tea party, 1773** | |
| *See also* American revolution | *Refer from* American revolution; Colonial period, United States |

**Botany** (Page 18)
*See also* Buds; Bulbs; Cells; Flowers; Fossils; Fruit; Gardens and gardening; Herbariums; Leaves; Natural history; Nature; Parasites; Plants; Seeds; Trees; Weeds — *Refer from* Buds; Flowers; Leaves; Natural history; Nature; Plants; Roots; Science; Seeds
Bouillon, Godfrey de *see* Godfrey de Bouillon
Bow and arrow *see* Archery
**Bowie,** James
**Boy scouts** — *Refer from* Boys; Clubs; Scouts and scouting (s); Sports
**Boyesen,** Hjalmar Hjorth
**Boys**
*See also* Boy scouts; Children; Education — *Refer from* Children
**Brahe,** Tycho — *Refer from* Tycho Brahe (s)
**Brant,** Joseph
**Brass**
*See also* Bronze — *Refer from* Bronze; Copper; Metal work; Metals; Zinc
**Brassey,** Annie, *lady*
Bravery *see* Courage; Heroes and heroism
**Brazil** — *Refer from* South America—Description and travel
**Bread**
*See also* Bakers and bakeries; Cooking; Flour — *Refer from* Bakers and bakeries; Flour; Food
**Bremer,** Fredrika
**Brian Boru,** *king of Ireland*
**Bricks**
*See also* Masonry — *Refer from* Manufactures; Masonry
**Bridges**
*See also* Brooklyn bridge — *Refer from* Architecture; Engineering; Masonry; Suspension bridges (s)
**Bright,** John
**Brindley,** James
British America *see* Canada
**British Columbia**
British Guiana *see* Guiana
**British museum** — *Refer from* London; Museums
**Brittany** — *Refer from* France — Description and travel
**Brontë,** Charlotte, [*afterward Mrs* Nicholls, (*pseud.* Currer Bell)] — *Refer from* Bell, Currer, pseud. (s)
**Bronze**
*See also* Brass — *Refer from* Brass; Copper; Metal work
**Brooklyn bridge** — *Refer from* Bridges; Suspension bridges (s)
**Brooks, Phillips,** *bp.*
**Brown,** John, *of Ossawatomie*
**Browning,** *Mrs* Elizabeth (Barrett)
**Bruce,** James
Bruce, Robert, king of Scotland *see* Robert Bruce, king of Scotland
**Bruges**
**Brunhild**
**Brussels**
**Brutus,** Marcus [Junius]
**Bryant,** William Cullen
**——Birthday exercises**
Buccaneers *see* Pirates
**Buchanan,** James
**Buckland,** Francis Trevelyan
**Budapest** — *Refer from* Austria-Hungary — Description and travel

**Buddha and Buddhism**
*Refer from* Religion

**Buds**
*See also* Botany; Flowers
*Refer from* Botany; Flowers; Leaves; Plants

**Buenos Ayres**
Buffalo Bill *see* Cody, William Frederick
Buffalo Jones *see* Jones, Charles Jesse
**Buffaloes**
*Refer from* Bison (s)
Building *see* Architecture; Carpentry; Engineering; Houses; Log cabins; Masonry
**Bulbs**
*See also* Flowers; Plants
*Refer from* Botany; Plants
**Bulgaria**
*See also* Balkan states
*Refer from* Balkan states
**Bull,** Ole
**Bullfights**
*Refer from* Fighting (s); Sports
Bulwer-Lytton, Edward George Earle Lytton, baron Lytton *see* Lytton, Edward George Earle Lytton Bulwer-Lytton, baron
**Bunker Hill, Battle of, 1775**
*See also* American revolution
**Bunyan, John**
**Buoys**
*Refer from* Harbors; Life-saving; Signals
**Burdett-Coutts,** [Angela Georgina,] *baroness*
*Refer from* Coutts, Angela Georgina Burdett- (s)
**Burke,** Edmund
**Burma**
**Burnett,** *Mrs* Frances (Hodgson)
**Burney, Fanny**
*Refer from* Arblay, Mme Frances (Burney) d' (s); D'Arblay, Mme Frances (Burney) (s)
**Burns,** Robert
*Refer from* Poets
**Burnside,** *Gen* Ambrose Everett
Burnt wood work *see* Pyrography
**Burr,** Aaron
**Burr,** Theodosia
**Burritt,** Elihu
Burros *see* Donkeys
**Burroughs,** John
**Burton,** *Sir* Richard Francis
**Bushmen**
*Refer from* Africa—Description and travel; Hottentots
**Business**
*See also* Auctions; Banks and banking; Commerce; Commercial travelers; Industries; Mail service; Manufactures; Markets; Money; Occupations, Choice of; Shorthand; Success; Typewriting; Wealth
*Refer from* Commerce; Industries; Money; Occupations, Choice of; Stores (s); Success; Trade (s); Trades (s); Wealth
**Butler,** [Elizabeth Southerden (Thompson),] *lady*
**Butter**
*Refer from* Cows; Dairy (s); Farming; Milk
**Butterflies**
*See also* Caterpillars; Moths
*Refer from* Caterpillars; Chrysalis (s); Cocoons (s); Insects; Moths
**Butterworth,** Hezekiah
**Buxton,** *Sir* Thomas Fowell
**Byron,** [George Gordon Noel,] *lord*
Cabeça de Vaca, Alvarez Nuñez *see* Nuñez Cabeça de Vaca, Alvarez
Cabinet work *see* Carpentry; Furniture
Cabins *see* Log cabins

**Cable**, George Washington
**Cables**
*See also* Atlantic cable — *Refer from* Rope; Submarine cables (s); Telegraph

**Cabot**, John
**Cabot**, Sebastian
**Cabrillo**, Juan Rodriguez
**Cactus**
**Cædmon**
**Cæsar**, Julius — *Refer from* Rome, Ancient
**Cairo** — *Refer from* Egypt — Description and travel

**Calais, Siege of, 1347**
**Calcutta**
**Calendars**
*See also* Almanacs — *Refer from* Almanacs; Astronomy
**Calhoun**, John Caldwell
**Calico printing** — *Refer from* Cloth; Cotton; Dyeing; Printing

**California** — *Refer from* (The) West
**Caligula**, *emperor of Rome*
Calvert, Cecilius, baron Baltimore *see* Baltimore, Cecilius Calvert, baron
**Cambyses III**, *king of Persia*
**Camels**
Cameras *see* Photography
**Cameron**, Verney Lovett
**Camillus**
**Campanile of Giotto** — *Refer from* Giotto's campanile (s)
Camperdown, Adam Duncan, viscount Duncan of *see* Duncan, Admiral Adam Duncan, viscount
**Camping**
*See also* Outdoor life; Tents — *Refer from* Amusements; Country life; Outdoor life; Sports; Tents

**Canada** — *Refer from* British America (s); England—Colonies

——**Description and travel**
*See also* names of cities, e.g. Quebec
**Canals**
*See also* Erie canal; Panama canal; Suez canal — *Refer from* Commerce; Engineering; Transportation; Water supply
**Canaries**
**Canary islands**
**Candles** — *Refer from* Lighting; Manufactures
**Candy** — *Refer from* Confectionery (s); Cooking; Sugar

**Canning**, George
Cannon *see* Guns
**Cano**, Alonso
**Canoes and canoeing**
*See also* Boats and boating — *Refer from* Boats and boating; Rowing; Sports; Yachts and yachting

**Canova**, Antonio
**Cantatas**
*See also* Operettas; Plays — *Refer from* Music; Operettas; Plays
**Canterbury, England**
**Canton, China**
**Canute**, *king of England, Denmark and Norway* — *Refer from* Knut the Great (s)
**Cape Breton island**
**Cape Colony** — *Refer from* Africa, South
**Capri, Island of** — *Refer from* Italy—Description and travel
Cardboard construction *see* Paper work
**Carnegie**, Andrew

**Carnegie Hero Fund Commission** — *Refer from* Hero Fund (s); Heroes and heroism

Carnivals *see* Mardi Gras
**Caroline islands**
Carols *see* Christmas—Songs; Songs
**Carpentry** (Page 19)
*See also* Houses; Lathes; Log cabins; Manual training; Tools; Wood carving — *Refer from* Architecture; Building (s); Cabinet work (s); Industries; Manual training; Tools; Trades (s); Turning (s); Woodwork (s)

**Carpets**
*See also* Rugs — *Refer from* Cloth; House decoration; Manufactures; Rugs; Weaving

Carrier pigeons *see* Pigeons
Carson, Kit *see* Carson, Christopher
**Carson,** Christopher — *Refer from* Carson, Kit (s)
**Cartier,** Jacques
Carving *see* Sculpture; Wood carving
**Cary,** Alice
**Cary,** Phœbe
**Castles.**
*See also* Warwick castle; Windsor castle — *Refer from* Middle ages
**Castro,** Ines de — *Refer from* Iñez de Castro (s)
**Catacombs** — *Refer from* Archaeology; Caves; Rome (city); Tombs

**Catbirds**
**Caterpillars**
*See also* Butterflies; Moths — *Refer from* Butterflies; Chrysalis (s); Cocoons (s); Insects; Moths; Worms

**Catharine of Siena, St.** — *Refer from* St. Catharine of Siena
**Catharine I,** *empress of Russia*
**Catharine II,** *empress of Russia*
**Catharine de' Medici,** *queen of France*
**Catharine of Aragon,** *queen of England*
**Cathedrals**
*See also* Notre Dame, Paris; St. Paul's Cathedral, London; St. Peter's, Rome
**Cato,** [Marcus Porcius,] *the elder*
**Cato,** [Marcus Porcius,] *the younger*
**Cats** — *Refer from* Pets
**Cattle**
*See also* Cows — *Refer from* Cows; Dairy (s); Farming; Oxen (s)

**Caucasian race**
**Cavalier,** Jean
**Cave dwellers** — *Refer from* Archaeology; Caves; Man—Prehistoric

**Cavendish,** Henry
**Caves**
*See also* Catacombs; Cave dwellers; Mammoth cave — *Refer from* Physical geography
**Caxton,** William
**Cedar trees**
**Celebes island**
**Cellini,** Benvenuto
**Cells** — *Refer from* Botany
**Central America**
*See also* Costa Rica; Guatemala; Honduras; Nicaragua — *Refer from* America (s)

Cereals *see* Grain
**Cervantes Saavedra,** Miguel de
**Ceylon**

| | |
|---|---|
| **Chairs**<br>*See also* Furniture | *Refer from* Furniture |
| **Chaldea** | |
| **Chalk** | *Refer from* Geology |
| Chalk modeling *see* Blackboard drawing | |
| **Chalmers,** James | *Refer from* Tamate (s) |
| **Chalmers,** Thomas | |
| **Chambers,** William | |
| **Chameleons** | |
| **Chamois** | |
| **Champlain,** Samuel de | |
| **Champlain, Lake** | |
| **Channel islands** | |
| **Chantrey,** *Sir* Francis | |
| **Character**<br>*See also* Ambition; Boasting; Cheerfulness; Conceit; Conduct; Contentment; Courage; Ethical stories; Faith; Gratitude; Greediness; Helpfulness; Heroes and heroism; Honesty; Hope; Ideals; Idleness; Industry; Justice; Kindness; Obedience; Orderliness; Patience; Perseverance; Pride; Promptness; Self-control; Selfishness; Service; Temperance; Thoroughness; Thoughtfulness; Truthfulness; Unselfishness; Usefulness. | *Refer from* Conduct; Ethics (s); Ethical stories; Success |
| **Charades**<br>*See also* Plays; Riddles; Tableaux; Tricks and puzzles | *Refer from* Amusements; Drama; Plays; Riddles; Tableaux; Tricks and puzzles |
| **Charcoal** | |
| Charge of the Light Brigade *see* Light Brigade, Charge of the | |
| **Charlemagne,** *emperor of the West* (Page 10) | |
| **Charlemagne romances** (Page 10) | *Refer from* Chivalry; Legends; Romances (s) |
| **Charles I,** *king of England* | |
| **Charles II,** *king of England* | |
| **Charles V,** *emperor of Germany* | |
| **Charles XII,** *king of Sweden* | |
| Charles Edward Stuart, the Young Pretender *see* Stuart, Charles Edward, the Young Pretender | |
| **Charles the Bold,** *duke of Burgundy* | |
| **Charter oak** | *Refer from* Colonial period, United States |
| Chatham, William Pitt, earl of *see* Pitt, William, earl of Chatham, 1708-78 | |
| **Chaucer,** Geoffrey | |
| **Checkers** | *Refer from* Games |
| **Cheerfulness** | *Refer from* Character; Ethical stories; Gladness (s) |
| **Cheese** | *Refer from* Cows; Dairy (s); Farming; Milk |
| **Chemistry**<br>*See also* Gases; Physics; Scientific recreations | *Refer from* Alchemy (s); Gas; Gases; Physics; Science |
| **Chestnut trees** | *Refer from* Nuts and nutting |
| **Chestnuts** | *Refer from* Cities |
| **Chicago** | |
| **Chickadees** | |
| **Chickens**<br>*See also* Poultry | *Refer from* Hens (s); Poultry |
| Childe Horn *see* King Horn | |

**Children**
*See also* Boys; Education; Girls; Occupations for children; *also* names of countries, subhead Manners and customs, e.g. Japan—Manners and customs
*Refer from* Boys; Education; Girls

**Children's crusade, 1212**
*See also* Crusades
*Refer from* Crusades

Children's parties *see* Parties
**Childs,** George William
**Chile**
*Refer from* South America—Description and travel

**Chimneys**
*Refer from* Heating

Chimpanzees *see* Apes
**China**
**——Description and travel**
*See also* Korea; Manchuria; Tibet; *also* names of cities, e.g. Peking
**——History**
*Refer from* Tartars
**——Manners and customs**
*Refer from* Customs (s)

China, Wall of *see* Wall of China
**China painting**
*Refer from* Art; Painting; Pottery

Chinaware *see* Pottery
**Chinese literature**
*Refer from* Literature—Chinese (s)

**Chipmunks**
**Chivalry**
*See also* Arthur, King; Charlemagne romances; Crusades; Feudal system; Heraldry; Heroes and heroism; Knights; Middle ages
*Refer from* Crusades; Feudal system; Heraldry; Knighthood (s); Middle ages

**Chocolate**
*Refer from* Cocoa (s)

Choice of occupations *see* Occupations, Choice of
**Chopin,** Frédéric François
Christ *see* Jesus Christ
Christian names *see* Names
**Christina,** *queen of Sweden*
**Christmas** (Page 16)
*Refer from* Days (s); Holidays; Jesus Christ

**——Customs**
**——Dialogues**
**——Gifts**
**——Plays**
*Refer from* Drama; Plays
**——Poetry**
*Refer from* Poetry—Collections
**——Songs**
*Refer from* Carols (s); Songs
**——Stories**
**Christopher, St.**
*Refer from* St. Christopher (s)
**Christ's hospital, London**
*Refer from* Schools

Chrysalis *see* Butterflies; Caterpillars; Moths
Churchill, John, duke of Marlborough *see* Marlborough, John Churchill, duke of
**Cicadas (commonly called locusts)**
*Refer from* Grasshoppers; Locusts

**Cicero**
**(The) Cid** (Page 11)
*Refer from* Folklore (s); Legends; Spain—History

**Cimon**
**Cincinnatus**
Cinnamon *see* Spices
**Circus**
*Refer from* Acrobats; Amusements; Animals—Training; Menageries

**Cities**
*See also* Hanseatic league; Markets; Street cleaning; Street railroads; *also* names of cities, e.g. Chicago

| | |
|---|---|
| **Citizenship** | |
| *See also* Civic readers; Government; Patriotism; United States—Government | *Refer from* Government; Law; Patriotism; Voting |
| **Civic readers** | *Refer from* Citizenship; Government; Hygiene, Public; Law; Patriotism; Readers and speakers; United States—Government |
| Civil engineering *see* Engineering; Surveying | |
| Civil government *see* Government; United States—Government | |
| **Civil war, United States** | |
| *See also* United States—History; *also* names of battles, e.g. Gettysburg, Battle of, 1863 | *Refer from* Gettysburg, Battle of, 1863; Slavery; United States—History; United States—History—Civil war (s); War |
| **——Stories** | *Refer from* War—Stories (s) |
| **Civilization** | |
| *See also* History; Inventions; Man; Manners and customs | *Refer from* Archaeology; Feudal system; History; Man |
| **Claflin,** Horace Brigham | |
| **Clark,** Alvan | |
| Clark, Gen. George Rogers | |
| Classical literature *see* Greek literature—Collections; Latin literature — Collections | |
| Classical mythology *see* Myths—Greek and Roman | |
| **Claude Lorrain** | *Refer from* Gelée, Claude (s); Gellée, Claude (s); Lorrain, Claude (s) |
| **Clay,** Henry | *Refer from* Statesmen |
| **Clay modeling** | *Refer from* Art; Handicraft; Modeling (s); Pottery; Sculpture |
| Cleanliness *see* Baths and bathing; Hygiene | |
| Clemens, Samuel Langhorne *see* Twain, Mark, pseud. | |
| **Cleomenes III,** *king of Sparta* | |
| **Cleopatra,** *queen of Egypt* | |
| **Cleveland,** Grover | |
| **Cliff dwellers** | *Refer from* Archaeology; Indians of America; Man—Prehistoric; Pueblo Indians (s) |
| Clifford, George, earl of Cumberland *see* Cumberland, George Clifford, earl of | |
| **Climate** | |
| *See also* Physical geography; Rain; Seasons; Weather | *Refer from* Physical geography; Temperature (s); Weather |
| **Climbing** | |
| **Clinton,** De Witt | |
| **Clive,** Robert, *baron* | |
| **Clocks and watches** | *Refer from* Manufactures; Watches (s) |
| **Cloth** | |
| *See also* Calico printing; Carpets; Clothing; Cotton; Dyeing; Linen; Rugs; Silk; Spinning; Tapestry; Weaving; Wool | *Refer from* Clothing; Cotton; Cotton cloth (s); Cotton mills (s); Linen; Manufactures; Spinning; Textile fabrics (s); Weaving; Wool |
| **Clothing** | |
| *See also* Cloth; Costume; Dressmaking; Furs; Gloves; Hats; Lace; Shoes | *Refer from* Cloth; Costume; Dress (s); Dressmaking; Hygiene; Manufactures |
| **Clotilda, St.** *queen of the Franks* | *Refer from* St. Clotilda (s) |
| **Clouds** | |
| *See also* Sky; Weather | *Refer from* Physical geography; Sky; Weather |
| Cloves *see* Spices | |
| **Clovis I,** *king of the Franks* | |

| | |
|---|---|
| **Clubs** | |
| *See also* Boy scouts; Girls' clubs | |
| Coaches and coaching *see* Stage-coaches | |
| **Coal** | |
| *See also* Geology; Mines and mining | *Refer from* Fuel (s); Geology; Heating; Minerals; Mines and mining |
| Coal oil *see* Petroleum | |
| Coal-tar colors *see* Dyeing | |
| Coats of arms *see* Heraldry | |
| **Cochineal** | |
| Cochrane, Thomas, earl of Dundonald *see* Dundonald, Thomas Cochrane, earl of | |
| Cockatoos *see* Parrots | |
| **Cockroaches** | |
| Cocoa *see* Chocolate | |
| **Cocoanuts** | *Refer from* Nuts and nutting |
| Cocoons *see* Butterflies; Caterpillars; Moths; Silkworms | |
| **Cody,** William Frederick | *Refer from* Buffalo Bill (s) |
| **Coffee** | |
| **Coins** | |
| *See also* Mints; Money | *Refer from* Art; Collectors and collecting; Gold; Money; Silver |
| **Cole,** Thomas | |
| **Coleridge,** Hartley | |
| **Coleridge,** Samuel Taylor | |
| Coliseum *see* Colosseum | |
| **Collectors and collecting** | |
| *See also* Coins; Stamps | *Refer from* Art |
| College athletics *see* Athletics; Physical education; Sports | |
| **College songs** | *Refer from* Music; Songs |
| College stories *see* School stories | |
| **Colleges** | |
| *See also* names of colleges, e. g. Harvard University | *Refer from* Education; Schools |
| **Collingwood,** Cuthbert, *lord* | |
| **Cologne, Germany** | |
| **Colombia** | |
| **Colonial period, United States** | |
| *See also* Bacon's rebellion, 1676; Boston massacre, 1770; Boston tea party, 1773; Charter oak; French and Indian war, 1755-63; King George's war, 1744-48; King William's war, 1689-97; North America—Discovery and settlement; Pilgrim fathers; Queen Anne's war, 1702-13; Stamp act, 1765; Thanksgiving day; *also* names of the American colonies, e. g. Pennsylvania | *Refer from* American colonial history (s); Bacon's rebellion, 1676; French and Indian war, 1755-63; Frontier life; King George's war; 1744-48; King William's war, 1689-97; Pilgrim fathers; Queen Anne's war, 1702-13; Stamp act, 1765; United States, Colonial period (s); United States—History; United States — History — Colonial period (s); United States—Manners and customs |
| **Colonna,** Vittoria | *Refer from* Pescara, marchesa di (s) |
| **Color** | *Refer from* Dyeing; Painting |
| **Colorado** | *Refer from* (The) West |
| **Colorado river** | *Refer from* Grand cañon of the Colorado (s); (The) West |
| Colored people *see* Negroes; Slavery | |
| **Colosseum** | *Refer from* Coliseum (s); Rome (city) |
| **Colossus of Rhodes** | |
| **Columba, St.** | *Refer from* St. Columba (s) |
| **Columbus,** Christopher | *Refer from* Explorers |
| **Comets** | |
| *See also* Astronomy | *Refer from* Astronomy |
| **Commerce** | |
| *See also* Auctions; Banks and banking; Business; Canals; Fairs; Hanseatic | *Refer from* Business; Commercial geography (s); Exports (s); Imports (s); In- |

Commerce—Continued
league; Harbors; Manufactures; Markets; Money; Railroads; Smuggling; Success; Transportation
Commercial geography *see* Commerce; Geography; Industries
**Commercial travelers** — *Refer from* Business; Drummers (s)
Companions *see* Friendship
**Compass** — *Refer from* Magnetism; Mariner's compass (s)

Composers *see* Musicians
**Conceit** — *Refer from* Character; Ethical stories
**Concrete** — *Refer from* Masonry
**Condors**
**Conduct**
*See also* Character; Ethical stories; Manners — *Refer from* Behavior (s); Character; Ethical stories; Ethics (s); Manners; Success

Confectionery *see* Candy
**Confucius**
**Congo river** — *Refer from* Africa—Description and travel; Rivers

Congress, United States *see* United States —Government
Conjuring *see* Magic; Tricks and puzzles; Witchcraft
**Conservation**
*See also* Forestry — *Refer from* Forestry; Resources (s)
**Constantine the Great,** *emperor of Rome*
**Constantinople**
**Constitution (ship)** — *Refer from* Warships
**Constitution of the United States**
*See also* United States—Government — *Refer from* Government; United States—Constitution (s); United States—Government

**——Text**
**Consular service** — *Refer from* United States — Consular service (s)

**Contentment** — *Refer from* Character; Ethical stories; Gladness (s)

Conundrums *see* Riddles
**Cook,** *Capt.* James
**Cook islands** — *Refer from* Hervey islands (s)
**Cooking**
*See also* Candy; Food; Housekeeping — *Refer from* Bakers and bakeries; Baking (s); Bread; Food; Housekeeping; Meat; Vegetables

Coons *see* Raccoons
**Cooper,** *Sir* Astley Paston
**Cooper,** James Fenimore
**——Birthday exercises**
**Cooper,** Peter
**Copenhagen** — *Refer from* Denmark—Description and travel

**Copernicus**
**Copper**
*See also* Brass; Bronze; Metals
**Copper work** — *Refer from* Handicraft; Metal work
**Coral** — *Refer from* Ocean life
**Corday,** Charlotte
Corea *see* Korea
**Coriolanus**
**Cork**
**Cormorants**

| | |
|---|---|
| **Corn**<br>*See also* Grain | *Refer from* Farming; Grain; Indian corn (s); Maize (s) |
| **Cornaro,** Caterina, *queen of Cyprus* | |
| **Cornell,** Ezra | |
| **Coronado,** [Francisco Vasquez de] | *Refer from* Vasquez de Coronado, Francisco (s) |
| **Coronations** | *Refer from* Festivals (s); Pageants |
| **Corot,** Jean Baptiste Camille | |
| **Correggio,** Antonio Allegri da | |
| **Corsica** | *Refer from* Italy—Description and travel |
| **Cortes,** Hernando | |
| **Corunna, Battle of, 1809** | |
| **Costa Rica** | *Refer from* Central America |
| **Coster,** Laurens Janszoon | *Refer from* Koster, Laurens Janszoon (s) |
| **Costume**<br>*See also* Arms and armor; Clothing; Dressmaking; Fans; Gloves; Hats; Jewelry; Plays; Shoes | *Refer from* Art; Clothing; Dress (s); Dressmaking; Fancy dress (s); Fans; Gloves; Manners and customs; Millinery |
| **Cotton**<br>*See also* Calico printing; Cloth; Dyeing; Weaving | *Refer from* Cloth |
| Cotton cloth *see* Cloth | |
| **Cotton gin**<br>*See also* Whitney, Eli | |
| Cotton mills *see* Cloth | |
| Cougars *see* Panthers | |
| **Country life**<br>*See also* Camping; Farming; Gardens and gardening; Hunting; Nature; Outdoor life; Sports | *Refer from* Farm life (s); Farming; Outdoor life |
| **Courage**<br>*See also* Heroes and heroism | *Refer from* Bravery (s); Character; Ethical stories; Heroes and heroism; Valor (s) |
| Courtesy *see* Manners | |
| Coutts, Angela Georgina Burdett- *see* Burdett-Coutts, Angela Georgina, baroness | |
| Cowboys *see* Ranch life | |
| **Cows**<br>*See also* Butter; Cattle; Cheese; Milk | *Refer from* Cattle; Dairy (s); Farming; Milk |
| **Coyotes** | |
| **Crabs** | *Refer from* Ocean life |
| **Craddock,** Charles Egbert, (*pseud.*) [of Mary Noailles Murfree)] | *Refer from* Murfree, Mary Noailles (s) |
| **Cranberries** | *Refer from* Berries (s); Fruit |
| **Cranes (birds)** | |
| **Crassus,** [Marcus Licinius] | |
| **Crawfish** | |
| **Crécy, Battle of, 1346** | |
| Crests *see* Heraldry | |
| **Crete** | |
| **Crickets** | |
| **Crimean war**<br>*See also* Light Brigade, Charge of the | *Refer from* Europe—History; France—History; Russo-Turkish war (s) |
| **——Stories** | *Refer from* War—Stories (s) |
| **Crocheting**<br>*See also* Knitting; Lace | *Refer from* Fancy work (s); Knitting; Lace; Needlework (s); Sewing |
| **Crockett,** David | |
| **Crocodiles**<br>*See also* Alligators | *Refer from* Alligators; Ocean life; Reptiles |

| | |
|---|---|
| **Crœsus,** *king of Lydia* | |
| **Cromwell,** Oliver | |
| Cromwell, Thomas, earl of Essex *see* Essex, Thomas Cromwell, earl of | |
| **Crook,** *Gen.* George | |
| **Croquet** | *Refer from* Games |
| **Crowns** | |
| **Crows** | |
| **Crusades** | |
| *See also* Children's crusade, 1212; Chivalry; Middle ages; *also* lives of Peter the Hermit; Richard I, king of England; Louis IX, king of France | *Refer from* Children's crusade, 1212; Chivalry; Europe—History; History; Middle ages |
| **Crustacea** | |
| **Crystal palace, London** | *Refer from* London |
| **Crystals** | |
| *See also* Minerals | *Refer from* Minerals |
| **Cuba** | |
| *See also* Spanish-American war, 1898 | *Refer from* Islands; Spanish-American war, 1898; West Indies |
| Cuban war *see* Spanish-American war, 1898. | |
| **Cuckoos** | |
| **Cumberland,** [George Clifford,] *earl of* | *Refer from* Clifford, George, earl of Cumberland (s) |
| **Currants** | |
| **Curtis,** George William | |
| **Custer,** *Gen.* George Armstrong | |
| Customs *see* Manners and customs; *also* names of countries, subhead Manners and customs, e. g. China—Manners and customs | |
| **Cuthbert, St.** | *Refer from* St. Cuthbert (s) |
| **Cutlery** | |
| *See also* Hardware; Knives; Swords | *Refer from* Hardware; Knives; Manufactures; Steel |
| **Cuttlefish** | *Refer from* Devilfish (s); Ocean life; Octopus (s); Squids (s) |
| **Cuvier,** [Georges Léopold Chrétien Frédéric Dagobert,] *baron* | |
| Cycling *see* Bicycles and bicycling | |
| Cyclones *see* Storms | |
| Cyclopedias *see* Encyclopedias | |
| **Cyprus** | |
| **Cyrus the Great,** *king of Persia* | |
| Dairy *see* Butter; Cattle; Cheese; Cows; Milk | |
| **Daisies** | |
| **Dale,** Richard | |
| D'Alembert, Jean le Rond *see* Alembert, Jean le Rond d' | |
| **Damien** [de Veuster], *Father* [Joseph] | *Refer from* Father Damien (s); Molokai island |
| Dampier, William | |
| **Dams** | |
| *See also* Water supply | *Refer from* Dikes; Engineering; Masonry; Rivers; Water supply |
| **Dances** | *Refer from* Amusements; Folk dances (s); Games; Parties |
| **Dandelions** | |
| **Dante [Alighieri]** | *Refer from* Alighieri, Dante (s) |
| D'Arblay, Mme Frances (Burney) *see* Burney, Fanny | |
| D'Arc, Jeanne *see* Joan of Arc | |
| Dark ages *see* Middle ages | |

**Darling,** Grace [Horsley]
**Darwin,** Charles
**David** — *Refer from* Bible stories
**Davy,** *Sir* Humphry
Days *see* April fools' day; Arbor day; Bird day; Christmas; Easter; Flag day; Hallowe'en; Holidays; Independence day; Lincoln's birthday; May day; Memorial day; New Year's day; St. Patrick's day; Thanksgiving day; Twelfth night; Valentine's day; Washington's birthday; *also* names of people, subhead Birthday exercises, e. g. Longfellow, Henry Wadsworth
**Dead sea** — *Refer from* Palestine
**Death valley**
**Debating** — *Refer from* Elocution (s); Orations; Readers and speakers
*See also* Orations

**Decatur,** Stephen — *Refer from* Philadelphia(ship)
**Decius Mus,** Publius
Declamations *see* Orations; Readers and speakers
**Declaration of independence** — *Refer from* American revolution; Independence day; United States—History
*See also* American revolution; Independence day
——Text
Decoration day *see* Memorial day
**Deer** — *Refer from* Elk (s)
*See also* Reindeer
**Defoe,** Daniel
**Delacroix,** Eugène
**Delaroche,** Paul
**DeLong,** George Washington
**Demetrius I,** *king of Macedonia*
**Demosthenes**
**Denmark** — *Refer from* Scandinavia (s)
——**Description and travel**
*See also* names of cities, e. g. Copenhagen
**Dentistry** — *Refer from* Medicine
**Depew,** Chauncey [Mitchell]
Description and travel *see* Explorers; Travel; Voyages; *also* names of countries, subhead Description and travel, e. g. United States—Description and travel
**Deserts** — *Refer from* Physical geography
*See also* Mirage; Sahara desert
**Design** — *Refer from* Art; Drawing; Painting
*See also* Art; Drawing; Lettering
De Soto, Hernando *see* Soto, Hernando de
**Determination**
Devereux, Robert *see* Essex, Robert Devereux, earl of
Devilfish *see* Cuttlefish
**Dew** — *Refer from* Water
**Dewey,** *Admiral* George
**Dialogues** — *Refer from* Drama; Dramatic readers; Plays; Readers and speakers
*See also* Plays; Readers and speakers

**Diamonds** — *Refer from* Gems (s); Jewelry; Precious stones
*See also* Jewelry; Precious stones

**Diaz,** Porfirio
**Dickens,** Charles — *Refer from* Authors; English literature

| | |
|---|---|
| **Dictionaries** | *Refer from* Encyclopedias |
| **Dido,** *queen of Carthage* | |
| **Dikes** | |
| *See also* Dams | *Refer from* Dykes (s); Engineering |
| **Diogenes** | |
| **Dion** | |
| Dirigible balloons *see* Airships | |
| Disaster *see* Earthquakes; Fires; Shipwrecks | |
| Discoveries (in geography) *see* Antarctic regions; Arctic regions; Explorers; Voyages; *also* name of countries, subhead Exploration, e. g. Africa—Exploration | |
| **Discoveries (in science)** | |
| *See also* Inventions; Science; *also* names of various inventions, e. g. Telegraph; Telephone | |
| Discovery of America *see* North America —Discovery and settlement | |
| Dishonesty *see* Honesty | |
| **Dismal swamp, Great** | |
| Disobedience *see* Obedience | |
| Disraeli, Benjamin, earl of Beaconsfield *see* Beaconsfield, Benjamin Disraeli, earl of | |
| **Diving** | *Refer from* Baths and bathing; Sports; Swimming |
| **Dix,** Dorothea **Lynde** | |
| **Doctors** | *Refer from* Biography; Medicine; Physicians (s); Scientists; Surgeons (s) |
| **Dogs** | *Refer from* Pets; Zoology |
| **——Stories** | *Refer from* Animals—Stories |
| **Dolls** | *Refer from* Amusements; Toys |
| Domestic animals *see* Animals; Kindness to animals | |
| **Dominoes** | *Refer from* Games |
| **Donatello,** [Donato di Betto Bardi, *called*] | |
| **Donkeys** | *Refer from* Burros (s) |
| **Douglas,** *Sir* James | *Refer from* Black Douglas (s) |
| **Douglas,** Margaret, *countess of Lennox* | |
| **Douglass,** Frederick | |
| Doves *see* Pigeons | |
| **Dragon flies** | |
| **Drake,** *Sir* Francis | |
| **Drake,** Joseph Rodman | |
| **Drama** (Page 18) | |
| *See also* Actors and acting; Charades; Christmas—Plays; Dialogues; Dramatic readers; Miracle plays; Moving pictures; Pageants; Pantomime; Plays; Puppet shows; Tableaux | *Refer from* Actors and acting; American literature; English literature; Literature; Plays; Theater (s) |
| **Dramatic readers** (Page 18) | |
| *See also* Dialogues; Plays | *Refer from* Drama; Literature; Plays; Readers and speakers |
| **Drawing** | |
| *See also* Blackboard drawing; Design; Mechanical drawing | *Refer from* Art; Design; Manual training; Painting; Pictures |
| **Drawn work** | *Refer from* Fancy work (s); Needlework (s); Sewing |
| **Dresden** | |
| Dress *see* Clothing; Costume; Dressmaking | |
| **Dressmaking** | |
| *See also* Clothing; Costume; Sewing | *Refer from* Clothing; Costume; Dress (s); Industries; Needlework (s); Sewing |
| **Druids** | *Refer from* Religion |

Drummers *see* Commercial travelers
**Dryden,** John
**Dublin**

*Refer from* Ireland — Description and travel

**Duckbills**
**Ducks**
*See also* Poultry

*Refer from* Poultry

**Duels and dueling**
*See also* Fencing

*Refer from* Fencing; Manners and customs

Duerer, Albrecht *see* Dürer, Albrecht
**Duncan,** Admiral [Adam Duncan, *viscount*]

*Refer from* Camperdown, Adam Duncan, viscount Duncan of (s)

**Dundonald,** [Thomas Cochrane,] *earl of*

*Refer from* Cochrane, Thomas, earl of Dundonald (s)

Du Plessis, Armand Jean, cardinal de Richelieu *see* Richelieu, Armand Jean du Plessis, cardinal de
**Dürer,** Albrecht

*Refer from* Duerer, Albrecht (s)

Dutch Guiana *see* Guiana
**Dwarfs**

*Refer from* Man; Pigmies (s); Pygmies (s)

**Dyaks**
*See also* Borneo
**Dyeing**
*See also* Calico printing; Color; Indigo

*Refer from* Cloth; Coal-tar colors (s); Cotton; Industries; Wool

Dykes *see* Dikes
**Dynamite**
*See also* Explosives

*Refer from* Explosives

**Dynamos**
*See also* Electric motors

*Refer from* Electric engineering; Electric motors; Electricity

**Eads,** James Buchanan
**Eagles**
**Earth**
*See also* Earthquakes; Geography; Geology; Ocean; Physical geography; Volcanoes

*Refer from* Astronomy; Geography; Geology; Nature; Physical geography; Planets; World (s)

**Earthquakes**
*See also* Geology; Physical geography

*Refer from* Disasters (s); Earth; Geology; Physical geography; Volcanoes

**East Indies**
*See also* Borneo; Java; Malay peninsula; Sumatra
**Easter**

*Refer from* Days (s); Holidays; Jesus Christ

**Easter island**
**Eclipses**
*See also* Astronomy; Moon; Sun

*Refer from* Astronomy; Moon; Sun

**Ecuador**
**Edgeworth,** Richard Lovell
**Edinburgh**

*Refer from* Scotland — Description and travel

**Edison,** Thomas A[lva]

*Refer from* Electricity; Inventors

**Education**
*See also* Books and reading; Children; Colleges; Manual training; Physical education; Schools; Teachers; Teaching

*Refer from* Boys; Children; Girls; Schools; Teachers; Teaching

**Edward,** *the Confessor, Saxon king of England*
**Edward I,** *king of England*
**Edward III,** *king of England*
**Edward IV,** *king of England*
**Edward VI,** *king of England*

| | |
|---|---|
| **Edward,** *the Black Prince* | *Refer from* (The) Black Prince (s) |
| **Edwards,** Amelia Blandford | |
| **Eels** | *Refer from* Fish |
| **Eggleston,** Edward | |
| **Eggs** | *Refer from* Birds; Birds' eggs (s); Food; Poultry |
| **Egypt** | *Refer from* Africa — Description and travel |
| **——Description and travel** *See also* Nile river; Obelisks; Pyramids; Sphinx; *also* names of cities, e. g. Cairo | |
| **Eiffel tower** | |
| **Eldon,** [John Scott,] *earl of* | *Refer from* Scott, John, earl of Eldon (s) |
| Electric batteries *see* Electricity | |
| **Electric bells** | |
| **Electric engineering** *See also* Dynamos; Electric lighting; Electric motors; Electric power transmission; Electric railroads; Electricity; Telautograph; Telegraph; Telephone; Wireless telegraphy | *Refer from* Engineering; Industries |
| **Electric furnaces** | *Refer from* Heat; Heating |
| Electric launches *see* Motor boats | |
| **Electric lighting** | *Refer from* Electric engineering; Lighting |
| **Electric motors** *See also* Dynamos; Electric power transmission | *Refer from* Dynamos; Electric engineering; Engines; Machinery; Mechanics; Motors (s) |
| **Electric power transmission** | *Refer from* Electric engineering; Electric motors |
| **Electric railroads** *See also* Street railroads | *Refer from* Electric engineering; Railroads; Street railroads; Transportation |
| **Electric toys** | *Refer from* Amusements; Mechanical toys (s); Mechanics; Toys |
| **Electricity** *See also* Dynamos; Edison, Thomas Alva; Induction coils; Magnetism; Physics; Telegraph; Telephone; Wireless telegraphy; X rays; *also* headings beginning with Electric | *Refer from* Batteries (s); Electric batteries (s); Electric engineering; Galvanism (s); Magnetism; Physics; Science; X rays |
| **Elephants** *See also* Mammoths | *Refer from* Mammoths |
| **Eliot,** George, *pseud.* | |
| **Eliot,** John, *apostle of the Indians* | |
| **Eliot,** *Sir* John | |
| **Elizabeth of Hungary, St.** | *Refer from* St. Elizabeth of Hungary (s) |
| **Elizabeth,** *queen of England* | |
| Elk *see* Deer | |
| **Elm trees** | |
| Elocution *see* Debating; Orations; Readers and speakers | |
| **Embroidery** *See also* Sewing | *Refer from* Art; Fancy work (s); Handicraft; Needlework (s); Sewing |
| Emergencies *see* Accidents; First aid in illness and injury | |
| **Emerson,** Ralph Waldo | |
| **——Birthday exercises** | |
| **Emmet,** Robert | |
| **Encyclopedias** *See also* Dictionaries | *Refer from* Cyclopedias (s) |

**Engineering**
*See also* Aqueducts; Architecture; Bridges; Canals; Dams; Dikes; Electric engineering; Engines; Harbors; Machinery; Masonry; Mechanical drawing; Mechanics; Mines and mining; Railroads; Rivers; Roads; Steam engines; Surveying; Tunnels; Water supply

*Refer from* Building (s); Civil engineering (s); Industries; Mechanics; Railroads; Roads; Surveying; Tunnels

**Engines**
*See also* Electric Motors; Fire engines; Gas engines; Locomotives; Pumps; Solar engines; Steam engines; Turbines

*Refer from* Engineering; Machinery

**England**

*Refer from* Great Britain (s)

**——Colonies**
*See also* Africa, South; Australia; Canada; India

**——Description and travel**
*See also* Hampton court; *also* names of cities, e. g. London, Stratford-on-Avon

**——History**
*See also* Anglo-Saxons; Magna charta; Gunpowder plot; Spanish armada, 1588; *also* names of rulers, e. g. Alfred the Great, king of England, and names of wars and battles, e. g. Agincourt, Battle of, 1415

*Refer from* Anglo-Saxons; History; Norman conquest (s); Spanish armada, 1588

**——Navy**

**——Parliament**

*Refer from* Parliament—England (s)

**English literature**
*See also* American literature; Authors; Ballads; Books and reading; Drama; Fairy tales; Humor; Letters — Collections; Orations; Poetry; Poets; Readers and speakers; *also* names of authors, e. g. Dickens, Charles

*Refer from* American literature; Authors; Literature; Literature—English (s)

Entertainments *see* Amusements

**Enthusiasm**

**Epaminondas**

**Ericsson,** John

**Erie canal**

*Refer from* Canals

**Erie, Lake, Battle of, 1813**

*Refer from* Lake Erie, Battle of (s); Naval battles; War of 1812

**Erskine,** Thomas, *lord*

Escapes *see* Adventure

**Escorial**

*Refer from* Spain—Description and travel

**Eskimos**
*See also* Alaska; Arctic regions; Greenland; Labrador

*Refer from* Alaska; Arctic regions; Indians of America

Esop *see* Æsop

**Essex,** [Robert Devereux,] *earl of*

*Refer from* Devereux, Robert (s)

**Essex,** [Thomas Cromwell,] *earl of*

*Refer from* Cromwell, Thomas, earl of Essex (s)

**Etching**

*Refer from* Art; Pictures.

**Etheredge,** Anna

**Ethical stories** (Page 15)
*See also* Ambition; Boasting; Character; Cheerfulness; Conceit; Conduct; Contentment; Courage; Faith; Gratitude; Greediness; Helpfulness; Heroes and heroism; Honesty; Hope; Ideals; Idleness; Industry; Justice; Kindness;

*Refer from* Character; Conduct; Moral stories (s); Stories (s)

Ethical stories—Continued
Obedience; Orderliness; Patience; Perseverance; Pride; Promptness; Self-control; Selfishness; Service; Temperance; Thoroughness; Thoughtfulness; Truthfulness; Unselfishness; Usefulness
Ethics *see* Character; Conduct
Etiquette *see* Manners
**Etna, Mount** — *Refer from* Ætna, Mount (s); Mountains; Volcanoes

**Eugénie,** *empress of the French*
**Eumenes**
**Europe** — *Refer from* Feudal system
——**Biography** — *Refer from* Biography
——**Description and travel**
*See also* names of European countries, subhead Description and travel, e. g. France—Description and travel
——**History**
*See also* Middle ages; Thirty years' war, 1618-48; Crimean war; Crusades; Reformation — *Refer from* Thirty years' war, 1618-48
——**Manners and customs**
*See also* names of European countries, subhead Manners and customs, e. g. France—Manners and customs
**Evans,** Robley Dunglison
**Evaporation** — *Refer from* Physics; Vapor (s)
**Everglades**
Evergreens *see* Fir trees; Pine trees; Trees
**Evolution**
*See also* Man—Prehistoric — *Refer from* Geology; Man; Man—Prehistoric; Science; Zoology

**Ewing,** *Mrs* Juliana Horatia (Gatty)
Exercise *see* Athletics; Physical education; Running; Walking
Exhibitions *see* Fairs; Museums
Experiments *see* Scientific recreations; Magic
Exploration *see* Africa—Exploration; Australia — Exploration; Explorers; North America—Discovery and settlement
**Explorers** (Page 22)
*See also* Africa—Exploration; Australia—Exploration; Geography; Lewis and Clark expedition; Travel; United States—Exploration; Voyages; *also* names of explorers, e. g. Columbus, Christopher — *Refer from* Adventure; Antarctic regions; Arctic regions; Biography; Description and travel (s); Discoveries (in geography) (s); Exploration (s); Geography; Heroes and heroism; Scientists; Travel; Voyages

**Explosives**
*See also* Dynamite; Torpedoes — *Refer from* Dynamite; Manufactures; Mines and mining

Exports *see* Commerce
Extinct animals *see* Animals—Extinct
**Eyck,** Hubert *van* — *Refer from* Van Eyck, Hubert (s)
**Eye**
**Fabius Maximus Verrucosus,** [Quintus]
**Fables** (Page 13)
*See also* Fairy tales — *Refer from* Animal lore (s); Animals—Stories; Fairy tales; Legends; Literature; Stories (s)

**Fabricius Luscinus,** [Caius]
Fairies *see* Fairy tales
**Fairs**
*See also* Bazaars; Nijni Novgorod — *Refer from* Amusements; Bazaars; Commerce; Exhibitions (s); Festivals (s); Markets; Pageants

| | |
|---|---|
| **Fairy tales** (Page 11)<br>*See also* Fables; Legends; Myths | *Refer from* English literature; Fables; Fairies (s); Legends; Literature; Myths; Stories (s) |
| **Faith** | *Refer from* Character; Ethical stories |
| **Falconry** | *Refer from* Birds; Hawking (s); Hunting; Sports |
| Fall *see* Autumn | |
| Fancy dress *see* Costume | |
| Fancy work *see* Beadwork; Crocheting; Drawn work; Embroidery; Knitting; Lace; Sewing | |
| **Faneuil,** Peter | |
| **Fans**<br>*See also* Costume | *Refer from* Costume |
| **Faraday,** Michael | |
| Farm animals *see* Animals | |
| Farm life *see* Country life | |
| **Farming**<br>*See also* Bees; Butter; Cattle; Cheese; Corn; Country life; Cows; Flax; Fruit; Gardens and gardening; Grain; Horses; Milk; Pigs; Plants; Poultry; Ranch life; Rice; Seeds; Sheep; Soils; Sugar; Tobacco; Vegetables; Wheat | *Refer from* Agriculture (s); Country life; Gardens and gardening; Industries; Soils |
| **Faroe islands** | |
| **Farragut,** *Admiral* [David Glasgow] | |
| Father Damien *see* Damien de Veuster, Father Joseph | |
| Feejee islands *see* Fiji islands | |
| **Fencing**<br>*See also* Duels and dueling | *Refer from* Amusements; Athletics; Duels and dueling; Sports; Swords |
| **Ferdinand V,** *king of Castile and Aragon* | |
| **Ferdinand of Portugal** | |
| **Ferguson,** James | |
| **Ferns** | *Refer from* Plants |
| Festivals *see* Coronations; Fairs; Holidays; Mardi Gras; Pageants; *also* the names of special days, e. g. Thanksgiving day | |
| **Feudal system**<br>*See also* Chivalry; Civilization; Europe; History; Middle ages | *Refer from* Chivalry; Government; Knighthood (s); Middle ages; Vassals (s) |
| **Field,** Cyrus West | |
| **Field,** Eugene | |
| **Field,** Marshall | |
| **Field of the Cloth of Gold** | |
| Fighting *see* Battles; Bullfights; Naval battles; War | |
| **Fiji islands** | *Refer from* Feejee islands (s) |
| **Fillmore,** Millard | |
| Finance *see* Banks and banking; Money | |
| Find *see* Finn | |
| Fine arts *see* Art | |
| **Finland** | |
| **Finn** | *Refer from* Find (s); Fionn Maccumhail (s) |
| Fionn Maccumhail *see* Finn | |
| **Fir trees** | *Refer from* Evergreens (s) |
| **Fire**<br>*See also* Fire service; Fires; Heat; Heating | *Refer from* Heat |
| **Fire engines** | *Refer from* Engines; Fires |

| | |
|---|---|
| **Fire service**<br>*See also* Fires | *Refer from* Fire; Fires; Heroes and heroism; Life-saving |
| Firearms *see* Guns | |
| **Fireflies** | |
| **Fires**<br>*See also* Fire engines; Fire service | *Refer from* Disasters (s); Fire; Fire service |
| **Fireworks** | *Refer from* Amusements |
| **First aid in illness and injury**<br>*See also* Accidents | *Refer from* Emergencies (s); Injuries (s) |
| **Fish**<br>*See also* Aquariums; Fishing; Ocean life; *also* names of fishes, e. g. Eels | *Refer from* Animals; Ocean life; United States—Fisheries bureau (s); Zoology |
| **Fishing**<br>*See also* Whales and whaling | *Refer from* Amusements; Fish; Hunting; Industries; Outdoor life; Sports; United States—Fisheries bureau (s) |
| **Fiske, John** | |
| **Flag day** | *Refer from* Days (s); Holidays |
| **Flags** | *Refer from* American flag (s); Armies (s); Banners (s); Heraldry; Patriotism; Signals |
| **Flamingoes** | |
| **Flamininus, [Titus Quintus]** | |
| **Flax**<br>*See also* Linen | *Refer from* Farming; Linen |
| **Flaxman, John** | |
| Fleets *see* Ships; Warships | |
| **Flies** | *Refer from* Fly (s); Insects |
| **Flodden, Battle of, 1513** | |
| **Florence** | |
| **Florida** | *Refer from* (The) South |
| **Flour**<br>*See also* Bread; Grain; Wheat | *Refer from* Bread; Manufactures; Wheat |
| **Flowers** (Page 18)<br>*See also* Botany; Buds; Gardens and gardening; Leaves; Plants; Roots; Wax flowers; *also* names of flowers, e. g. Asters, Gentians | *Refer from* Botany; Buds; Bulbs; Gardens and gardening; Leaves; Nature; Plants; Wild flowers (s) |
| **——Arrangement** | *Refer from* House decoration |
| **——Language of** | |
| **——Poetry** | |
| **——Stories** | *Refer from* Stories (s) |
| Flowers (artificial) *see* Paper work; Wax flowers | |
| Fluids *see* Liquids | |
| Fly *see* Flies | |
| **Flying**<br>*See also* Airships; Aeroplanes; Balloons; Birds; Kites | *Refer from* Birds |
| **Flying Dutchman** | |
| Flying machines *see* Airships; Aeroplanes | |
| Folk dances *see* Dances | |
| **Folk songs** (Page 16)<br>*See also* Ballads; Songs | *Refer from* Ballads; Legends; National songs (s); Songs |
| Folklore *see* Ballads; Beowulf; (The) Cid; Gawain, Sir; Guy of Warwick; Havelok the Dane; Holy grail; Kalevala; King Horn; Lancelot of the lake; Legends; Manners and customs; Merlin; Negroes —Stories; Nursery rhymes; Proverbs; | (Page 12) |

Folklore—Continued
Robin Hood; Roland; Tell, William; Wandering Jew; Wayland the Smith
For folklore of special country *see* name of country, subhead Folklore, e. g. Japan—Folklore

**Food**
*See also* Bakers and bakeries; Cooking; Markets; Vegetables; *also* names of foods, e. g. Bread, Eggs, Oysters
*Refer from* Cooking; Housekeeping; Hygiene

**Football**
*Refer from* Athletics; Ball (s); Games; Sports

**Forestry**
*See also* Arbor day; Conservation; Lumbering; Trees; Wood
*Refer from* Arbor day; Conservation; Lumbering; Timber (s); Trees; United States—Forest service (s)

Forging *see* Blacksmithing

**Formosa island**

**Forrest,** *Gen.* Nathan Bedford

**Fossils**
*See also* Animals—Extinct; Geology; Mammoths
*Refer from* Animals—Extinct; Botany; Geology; Mammoths; Natural history; Zoology

Fouqué, baron de la Motte- *see* La Motte-Fouqué, Friedrich Heinrich Karl, baron de

Fourth of July *see* Independence day

**Foxes**
*Refer from* Furs

**Foxfire**
*Refer from* Phosphorescence

Fra Angelico *see* Angelico, Fra Giovanni

**France—Army**
*Refer from* Armies (s)

**——Description and travel**
*See also* Brittany; Paris

**——History**
*See also* Agincourt, Battle of, 1415; Basques; Crimean war; Franco-German war, 1870-71; French and Indian war, 1755-63; French revolution; Gauls; Huguenots; Joan of Arc; Peninsular war, 1807-14; St. Bartholomew's day, Massacre of; Seven years' war, 1756-63; Spanish succession, War of, 1701-14; Waterloo, Battle of, 1815
*Refer from* Franco-German war, 1870-71; French revolution; Gauls

**——Manners and customs**
*Refer from* Europe—Manners and customs

**——Navy**
*Refer from* Navies (s)

**Francis of Assisi, St.**
*Refer from* Assisi, Francis of, St. (s); St. Francis of Assisi (s)

**Francisco Xavier, St.**
*Refer from* St. Xavier (s); Xavier, St. Francis (s)

**Franco-German war, 1870-71**
*See also* France—History
*Refer from* France—History; Germany—History; War

**Frankfort**

**Franklin,** Benjamin

**Franklin,** *Sir* John

**Frederick the Great,** *king of Prussia*
*Refer from* Frederick II, king of Prussia (s)

**Frederick I** (Barbarossa), *emperor of the Holy Roman Empire*
*Refer from* Barbarossa, Frederick (s)

**Frederick II,** *emperor of the Holy Roman Empire*

Frederick II, king of Prussia *see* Frederick the Great, king of Prussia

Freeman, Mrs. Mary Eleanor (Wilkins) *see* Wilkins, Mary Eleanor

Frémont, *Gen.* John Charles
**French Academy**
**French and Indian war, 1755-63**
*See also* Colonial period, United States; Louisburgh; Pontiac, chief of the Ottawas; Seven years' war, 1756-63

*Refer from* Colonial period, United States; France—History; Indians of America; Pennsylvania; United States—History—French and Indian war (s)

**French books**
*Note: Used for books in the French language.*
French Guiana *see* Guiana
**French revolution**
*See also* France—History; Napoleon I, emperor of the French

*Refer from* France—History; Napoleon I, emperor of the French

**Fretwork**
*See also* Wood carving; Ironwork

*Refer from* House decoration; Ironwork; Wood carving

Fridthjof *see* Frithjof
**Friendly islands**
Friends, Society of *see* Quakers
**Friendship**

*Refer from* Companions (s)

**Frithjof** (Page 11)

*Refer from* Fridthjof (s); Sagas

Fröbel, Friedrich *see* Froebel, Friedrich
**Frobisher,** *Sir* Martin
**Froebel,** Friedrich

*Refer from* Fröbel, Friedrich (s)

**Frogs**
**Froissart,** Jean
**Frontier life** (Page 22)
*See also* Colonial period, United States; Ranch life; (The) West

*Refer from* Adventure; Border life (s); Indians of America; Pioneer life (s); Pioneers (s); Ranch life; (The) West

**Frost**
*See also* Ice; Snow; Winter

*Refer from* Geology; Water

**Fruit**
*See also* names of fruits, e. g. Apples, Cranberries

*Refer from* Berries (s); Botany; Farming; Gardens and gardening; Plants; Trees

**Fry,** *Mrs.* Elizabeth (Gurney)
Fuel *see* Coal; Gas; Peat; Petroleum; Wood
**Fuller,** Margaret, [*afterward marchesa d'Ossoli*]
**Fulton,** Robert

*Refer from* Steamboats

**Fungi**
*See also* Galls (Botany); Mushrooms

*Refer from* Mold (s); Mould (s); Mushrooms; Plants

**Furniture**
*See also* Bamboo; Chairs

*Refer from* Art; Cabinet work (s); Chairs; House decoration; Housekeeping; Manufactures; Wood carving

**Furs**
*See also* Hudson Bay company; Trapping; *also* names of fur-bearing animals, e. g. Seals (animals), Foxes

*Refer from* Clothing; Trapping

**Gainsborough,** Thomas
**Galba,** *emperor of Rome*
**Galileo**
**Gallatin,** Albert
**Galls (botany)**

*Refer from* Fungi; Plants

Galvanism *see* Electricity
**Gama,** Vasco da

*Refer from* Vasco da Gama (s)

**Gambetta,** [Léon Michel]
**Games** (Page 17)
*See also* Amusements; Archery; Athletics; Baseball; Basket-ball; Checkers;

*Refer from* Amusements; Occupations for children; Olympic games; Physical educa-

Games—Continued
Croquet; Dances; Dominoes; Football; Golf; Hockey; Kindergarten—Games and songs; Marbles (game); Occupations for children; Olympic games; Physical education; Sports; Tennis; Toys; War games

**Gardens and gardening**
*See also* Farming; Flowers; Fruit; Plants; School gardens; Seeds; Vegetables; Weeds

*Refer from* Botany; Country life; Farming; Flowers; Plants; School gardens; Soils; Vegetables

**Garfield,** James A[bram]
**Garibaldi,** [*Gen.* Giuseppe]
**Garrison,** William Lloyd
**Gas**
*See also* Chemistry; Gas engines; Gases; Natural gas; petroleum

*Refer from* Fuel (s); Gases; Heating; Lighting; Natural gas; Petroleum

**Gas engines**

*Refer from* Engines; Gas

**Gases**
*See also* Air; Airships; Balloons; Chemistry; Gas; Liquid air; Natural gas; Nitrogen

*Refer from* Chemistry; Gas; Physics

**Gassendi,** Pierre
**Gauls**
*See also* France—History; Rome, Ancient

*Refer from* France—History; Rome, Ancient

**Gawain,** *Sir*

*Refer from* Folklore (s); Legends

**Geese**
*See also* Poultry

*Refer from* Goose (s); Poultry

Gelée, Claude *see* Claude Lorrain
Gellée, Claude *see* Claude Lorrain
Gems *see* Diamonds; Jewelry; Pearls; Precious stones
**Geneva, Switzerland**

*Refer from* Switzerland—Description and travel

Genghis Khan *see* Jenghis Khan
**Genoa**
**Gentians**

*Refer from* Flowers; Plants

**Geography** (Page 23)
*See also* Antarctic regions; Arctic regions; Earth; Explorers; Industries; Islands; Physical geography; Travel; Tropics; Voyages; *also* names of places, subhead Geography, e. g. Pennsylvania—Geography

*Refer from* Earth; Explorers; Commercial geography (s); Physical geography; Science; Voyages

——Physical *see* Physical geography
——**Readers** (Page 23)

*Refer from* Readers and speakers

**Geology**
*See also* Chalk; Coal; Earth; Earthquakes; Evolution; Fossils; Frost; Geysers; Glaciers; Granite; Graphite; Man—Prehistoric; Marble; Metals; Minerals; Mines and mining; Mountains; Natural gas; Peat; Petroleum; Physical geography; Rocks; Salt; Soils; Springs; Stone; Volcanoes

*Refer from* Coal; Earth; Earthquakes; Fossils; Man—Prehistoric; Minerals; Mines and mining; Mountains; Natural history; Physical geography; Rocks; Science; Stone; Volcanoes

**George, St.**
**George III,** *king of England*

*Refer from* St. George (s)

| | |
|---|---|
| **Georgia** | *Refer from* (The) South |
| **Geraniums** | |
| **German books** | |
| *Note: Used for books in the German language.* | |
| **Germany** | |
| **——Description and travel** | |
| *See also* Black Forest; Harz mountains; *also* names of cities, e. g. Berlin | |
| **——Folklore** | |
| *See also* Siegfried | |
| **——History** | |
| *See also* Franco-German war, 1870-71; Goths; Hanseatic league; Reformation; Spanish succession, War of, 1701-14; Thirty years' war, 1618-48 | *Refer from* Goths; Thirty years' war, 1618-48 |
| **Germs** | *Refer from* Bacteria (s); Hygiene; Microbes (s) |
| **Gettysburg, Battle of, 1863** | |
| *See also* Civil war, United States | *Refer from* Civil war, United States |
| **Gettysburg address** | *Refer from* Lincoln, Abraham |
| **Geysers** | |
| *See also* Springs | *Refer from* Geology; Physical geography; Springs; Water |
| **Ghost stories** | *Refer from* Stories (s) |
| **Giant's causeway** | *Refer from* Ireland — Description and travel |
| **Gibbon,** Edward | |
| **Gibraltar** | *Refer from* Spain—Description and travel |
| **Gibson,** William Hamilton | |
| **Gilbert,** *Sir* Humphrey | |
| Ginger *see* Spices | |
| **Giotto,** [Angiolotto Bondone] | *Refer from* Bondone, Giotto Angiolotto (s) |
| Giotto's campanile *see* Campanile of Giotto | |
| **Giraffes** | |
| **Girard,** Stephen | |
| **Girls** | |
| *See also* Children; Education; Girls' clubs; Queens; Women—Biography | *Refer from* Biography; Children; Women—Biography |
| **Girls' clubs** | *Refer from* Clubs; Girls |
| **Glaciers** | |
| *See also* Ice; Icebergs; Physical geography | *Refer from* Geology; Ice; Icebergs; Physical geography |
| Gladness *see* Cheerfulness; Contentment | |
| **Glasgow** | |
| **Glass** | *Refer from* Manufactures |
| **Gloves** | |
| *See also* Costume | *Refer from* Clothing; Costume |
| **Gluck,** Christoph Willibald *von* | |
| **Goats** | |
| **Godfrey de Bouillon** | *Refer from* Bouillon, Godfrey de (s) |
| **Goethe,** Johann Wolfgang *von* | *Refer from* Göthe, Johann Wolfgang von (s) |
| **Gold** | |
| *See also* Coins; Jewelry; Mines and mining; Money | *Refer from* Metals; Mines and mining |
| Golden fleece *see* Argonauts | |
| **Goldenrod** | |
| **Goldfinches** | |
| **Goldsmith,** Oliver | |
| **Golf** | *Refer from* Games; Sports |
| **Goodyear,** Charles | |
| Goose *see* Geese | |
| **Gordon,** *Gen.* Charles George | |

| | |
|---|---|
| Gorillas *see* Apes | |
| Göthe, Johann Wolfgang von *see* Goethe, Johann Wolfgang von | |
| **Goths** | |
| *See also* Alaric, king of the Visigoths; Germany—History; Theodoric the Great, king of the Ostrogoths | *Refer from* Germany—History |
| **Gould,** Jay | |
| **Government** | |
| *See also* Citizenship; Civic readers; Constitution of the United States; Feudal system; Law; Money; Patriotism; Slavery; Statesmen; Taxation; Voting; *also* names of countries, subhead Government, e.g. United States—Government | *Refer from* Citizenship; Civil government (s); History; Law; Politics (s) |
| **Government service** | |
| *See also* United States—Government | |
| **(The) Gracchi** | |
| Graham, James, marquis of Montrose *see* Montrose, James Graham, marquis of | |
| Grail *see* Holy grail | |
| **Grain** | |
| *See also* Corn; Rice; Wheat | *Refer from* Cereals (s); Corn; Farming; Flour; Wheat |
| Grand cañon of the Colorado *see* Colorado river | |
| **Granite** | |
| *See also* Rocks; Stone | *Refer from* Geology; Minerals; Quarries (s); Rocks; Stone |
| **Grant,** *Gen.* Ulysses S[impson] | |
| Graphophone *see* Phonograph | |
| **Graphite** | *Refer from* Geology |
| **Grasses** | |
| **Grasshoppers** | |
| *See also* Cicadas (commonly called locusts); Locusts | *Refer from* Locusts |
| **Gratitude** | *Refer from* Character; Ethical stories |
| **Gravitation** | |
| *See also* Astronomy; Physics | *Refer from* Astronomy; Physics |
| Great Britain *see* England | |
| Great charter *see* Magna charta | |
| **Great Lakes** | *Refer from* Lakes |
| Great wall of China *see* Wall of China | |
| **Greece, Ancient** | |
| *See also* Athens; Macedonia; Olympic games; Retreat of the ten thousand; *also* names of battles and persons, e. g. Marathon, Battle of 490 B. C. and Pericles, Lysander, Agamemnon | *Refer from* Athens; Marathon, Battle of, 490 B. C.; Trojan war |
| **Greece, Modern** | |
| **Greediness** | *Refer from* Character; Ethical stories |
| **Greek literature—Collections** | *Refer from* Classical literature (s); Literature—Greek (s) |
| Greek mythology *see* Myths—Greek and Roman | |
| **Greeley,** Horace | |
| **Greely,** Adolphus Washington | |
| **Greene,** *Gen.* Nathaniel | |
| **Greenland** | *Refer from* Arctic regions; Eskimos |
| **Grenville,** *Sir* Richard | |
| **Grettir the Strong** (Page 11) | *Refer from* Sagas |
| **Grey,** *Lady* Jane | |
| **Grey,** *Lady* Katharine | |
| **Grimm,** Jakob Ludwig | |
| **Grimm,** Wilhelm Karl | |

**Grotius,** Hugo
Ground hogs *see* Woodchucks
**Guatemala** — *Refer from* Central America
**Gudrun** — *Refer from* Legends
**Guess,** George, *Indian name Sequoyah* — *Refer from* Sequoyah (s)
**Guiana** — *Refer from* British Guiana (s); Dutch Guiana (s); French Guiana (s)

**Guido Reni** — *Refer from* Reni, Guido (s)
**Guise,** [Henry I, de Lorraine,] *duke* of — *Refer from* Lorraine, Henry I de, duke of Guise (s)

**Gulf of Mexico** — *Refer from* Ocean
**Gulf stream**
**Gulls**
**Gunpowder plot** — *Refer from* England—History
**Guns** — *Refer from* Arms and armor; Artillery (s); Cannon (s); Firearms (s); Hunting; Ordnance (s); Shooting (s); Shotguns (s); Weapons
*See also* Arms and armor; Weapons

**Gustavus I,** [or Gustavus Vasa,] *king of Sweden*
**Gustavus II,** [Adolphus,] *king of Sweden*
**Gutenberg,** Johannes
Gutta-percha *see* Rubber
**Guy of Lusignan,** *king of Jerusalem* — *Refer from* Lusignan, Guy of (s)
**Guy of Warwick** — *Refer from* Folklore (s); Legends
**Gymnasiums**
*See also* Athletics; Physical education
Gymnastics *see* Physical education
**Gyroscope** — *Refer from* Physics
Haendel, Georg Friedrich *see* Händel, Georg Friedrich
**(The) Hague** — *Refer from* Netherlands—Description and travel

Haiti *see* Hayti
**Hale,** Edward Everett
**Hale,** Nathan — *Refer from* Patriotism
**Hall of fame, New York**
**Halleck,** Fritz-Greene
**Hallowe'en** — *Refer from* Days (s); Holidays
**Hamilton,** Alexander
**Hammocks**
**Hampden,** John
**Hampton court** — *Refer from* England — Description and travel

**Hancock,** *Mrs* Dorothy (Quincy)
**Hancock,** *Gen.* Winfield Scott
**Händel,** Georg Friedrich — *Refer from* Haendel, Georg Friedrich (s)
**Handicraft** (Page 19) — *Refer from* Amusements; Art; Arts, Useful (s); Arts and crafts (s); Industries; Mechanics; Metal work; Occupations for children; Pyrography; Useful arts (s); Wood carving
*See also* Baskets; Beadwork; Bookbinding; Clay modeling; Copper work; Embroidery; Ironwork; Jewelry; Lace; Leather work; Manual training; Metal work; Occupations for children; Paper work; Pyrography; Raffia work; Rugs; Sewing; Stencil work; Tools; Toys; Weaving; Wood carving
Handwriting *see* Writing
**Hannibal**
**Hanseatic league** — *Refer from* Cities; Commerce; Germany—History; Middle ages

**Harbors** — *Refer from* Commerce; Engineering; Ports (s); Transportation
*See also* Buoys; Pilots and piloting

| | |
|---|---|
| **Hardware**<br>*See also* Cutlery; Knives; Locks; Metal work | *Refer from* Cutlery |
| Hares *see* Rabbits | |
| **Harold II,** *king of England* | |
| **Harold III,** *surnamed Hardrada, king of Norway* | *Refer from* Harold Hardrada (s) |
| **Harold Hardrada** *see* Harold III, surnamed Hardrada, king of Norway | |
| **Haroun-al-Raschid,** *caliph of Bagdad* | |
| **Harris,** Joel Chandler | *Refer from* Remus, Uncle, pseud. (s); Uncle Remus, pseud. (s) |
| **Harrison,** Benjamin | |
| **Harrison,** *Gen.* William Henry | |
| **Harte,** Bret | |
| **Harvard University** | *Refer from* Colleges |
| **Harz mountains** | *Refer from* Germany—Description and travel |
| **Hasting,** *Scandinavian viking* | |
| Hastings, John, earl of Pembroke *see* Pembroke, John Hastings, earl of | |
| **Hastings, Battle of, 1066** | *Refer from* Norman conquest (s) |
| **Hats**<br>*See also* Millinery | *Refer from* Clothing; Costume; Manufactures; Millinery |
| **Hatto II** | |
| **Havana** | |
| **Havelock,** *Sir* Henry | |
| **Havelok the Dane** | *Refer from* Folklore (s); Legends |
| **Hawaiian islands** | *Refer from* Sandwich islands (s) |
| Hawking *see* Falconry | |
| **Hawks** | |
| **Hawthorne,** Nathaniel | |
| **——Birthday exercises** | |
| **Haydn,** Franz Joseph | |
| **Hayes,** Rutherford B[irchard] | |
| **Hayti** | *Refer from* Haiti (s); West Indies |
| Health *see* Hygiene | |
| **Heat**<br>*See also* Electric furnaces; Fire; Heating; Physics; Solar engines; Sun; Thermometer | *Refer from* Fire; Heating; Physics |
| **Heating**<br>*See also* Chimneys; Coal; Electric furnaces; Gas; Heat; Peat; Petroleum; Steam; Stoves; Wood | *Refer from* Architecture; Fire; Heat; Steam; Stoves |
| Hebrews *see* Jews | |
| **Hebrides** | |
| **Hedgehogs** | |
| **Hedin,** Sven | |
| **Heidelberg** | |
| **Heine,** Heinrich | |
| **Helena, St.** | *Refer from* St. Helena (s); Saints |
| **Heligoland** | |
| **Helpfulness** | *Refer from* Character; Ethical stories |
| **Hennepin,** Louis | |
| **Henry IV,** *king of England* | |
| **Henry V,** *king of England* | |
| **Henry VI,** *king of England* | |
| **Henry VII,** *king of England* | |
| **Henry VIII,** *king of England* | |
| **Henry IV,** *king of France and Navarre* | *Refer from* Henry of Navarre (s) |
| **Henry I,** *king of Germany* | |

Henry of Navarre *see* Henry IV, king of France and Navarre
**Henry,** Patrick
Hens *see* Chickens; Poultry
**Hepaticas**
**Heraldry**
*See also* Arms and armor; Chivalry; Flags; Knights — *Refer from* Arms and armor; Chivalry; Coats of arms (s); Crests (s)
**Herbariums** — *Refer from* Botany; Plants
**Hercules** — *Refer from* Myths
Hero Fund *see* Carnegie Hero Fund Commission
**Heroes and heroism** (Page 20)
*See also* Adventure; Argonauts; Carnegie Hero Fund Commission; Courage; Explorers; Fire service; Life-saving; Myths; Trojan war; *also* names of heroes, e. g. Perseus, Peter of Haarlem, etc.; *also* heroic deeds, e. g. Light Brigade, Charge of the — *Refer from* Biography; Bravery (s); Character; Chivalry; Courage; Ethical stories; Valor (s)
**Herons**
**Herschel,** *Sir* William
Hervey islands *see* Cook islands
**Hiawatha** — *Refer from* Indians of America
**Hibernation** — *Refer from* Animals; Zoology
Hides and skins *see* Leather
**Higginson,** Thomas Wentworth
**Himalaya mountains** — *Refer from* Asia—Description and travel
**Hindu literature** — *Refer from* Literature—Hindu (s)
**Hioh,** *Indian chief*
**Hippopotamus**
**History** (Page 21)
*See also* Archaeology; Battles; Biography; Civilization; Crusades; Government; Kings and rulers; Middle ages; Naval battles; Queens; Reformation; Slavery; *also* names of countries, subhead History, e. g. England—History, and names of wars, e. g. Civil war, United States — *Refer from* Civilization; Feudal system; Man
**History, Ancient** — *Refer from* Ancient history (s)
**Hittites**
**Hobson,** Richmond Pearson
**Hockey**
*See also* Sports — *Refer from* Games; Skating; Sports; Winter sports (s)
**Hofer,** Andreas
**Hogarth,** William
**Holbein,** Hans, *the younger*
**Holidays** (Page 16)
*See also* April fool's day; Arbor day; Bird day; Christmas; Easter; Flag day; Hallowe'en; Independence day; Lincoln's birthday; May day; Memorial day; New Year's day; St. Patrick's day; Thanksgiving day; Twelfth night; Valentine's day; Washington's birthday; *also* names of people, subhead Birthday exercises, e. g. Longfellow, Henry Wadsworth—Birthday exercises — *Refer from* Anniversaries (s); Birthdays (s); Days (s); Festivals (s); Manners and customs
**Holland,** Josiah Gilbert — *Refer from* Titcomb, Timothy, pseud. (s)
Holland *see* Netherlands
**Holmes,** Oliver Wendell
**——Birthday exercises**

| | |
|---|---|
| Holstein, Anna Louise Germaine (Necker), baronne de Staël *see* Staël, Madame de | |
| Holy Bible *see* Bible | |
| **Holy grail**<br>*See also* Arthur, King; Lohengrin; Parsifal | *Refer from* Arthur, King; Folklore (s); Grail (s); Legends |
| Holy Land *see* Palestine | |
| Home decoration *see* House decoration | |
| **Homer** | |
| **Honduras** | *Refer from* Central America |
| **Honesty** | *Refer from* Character; Dishonesty (s); Ethical stories |
| **Honolulu** | |
| **Hooker,** *Gen.* Joseph | |
| **Hoosac tunnel** | *Refer from* Tunnels |
| **Hope** | *Refer from* Character; Ethical stories |
| **Horace** | |
| **Horatius Cocles** | |
| **Horizontal bar** | *Refer from* Sports |
| Horn, King *see* King Horn | |
| **Hornets** | |
| **Horse-chestnut trees** | |
| Horsemanship *see* Riding | |
| **Horses** | *Refer from* Animals; Farming; Ponies (s); Riding |
| Horseshoeing *see* Blacksmithing | |
| **Hortense,** *queen of Holland* | |
| **Hosmer,** Harriet Goodhue | |
| **Hottentots**<br>*See also* Bushmen | |
| **House boats**<br>*See also* Boats and boating | *Refer from* Boats and boating; Houses; Outdoor life |
| **House decoration**<br>*See also* Carpets; Flowers — Arrangement; Fretwork; Furniture; Pictures; Rugs; Tapestry | *Refer from* Art; Furniture; Home decoration (s); Housekeeping; Rugs |
| **Housekeeping**<br>*See also* Cooking; Food; Furniture; House decoration; Markets | *Refer from* Cooking; Industries |
| **Houses**<br>*See also* Animals — Houses; Architecture; House boats; Log cabins; Tree houses | *Refer from* Architecture; Building (s); Carpentry |
| **Houston,** *Gen.* Samuel | |
| Howard, Henry, earl of Surrey *see* Surrey, Henry Howard, earl of | |
| **Howard,** John | |
| Howard, Thomas, duke of Norfolk *see* Norfolk, Thomas Howard, duke of | |
| **Howe,** Elias | *Refer from* Sewing machines |
| **Howe,** *Mrs* Julia (Ward) | |
| **Howe,** Richard, *earl* | |
| **Howe,** Samuel Gridley | |
| **Howells,** William Dean | |
| **Hudson,** Henry | |
| **Hudson Bay company** | *Refer from* Furs |
| **Huguenots**<br>*See also* St. Bartholomew's day, Massacre of | *Refer from* France—History; St. Bartholomew's day, Massacre of |
| **Hull,** Isaac | |
| **Humboldt,** Alexander von | |
| **Hume,** David | |

| | |
|---|---|
| **Humming-birds** | |
| **Humor** | |
| *See also* Nursery rhymes; Readers and speakers | *Refer from* American literature; English literature; Jokes (s); Nonsense rhymes (s); Wit and humor (s) |
| **Humphreys,** Samuel | |
| Hungary *see* Austria-Hungary | |
| Hunt, Mrs Helen *see* Jackson, Mrs. Helen Hunt | |
| **Hunter,** John | |
| **Hunter,** William | |
| **Hunting** | |
| *See also* Falconry; Fishing; Guns; Sports; Tracking; Trapping | *Refer from* Adventure; Amusements; Animals; Big game (s); Country life; Outdoor life; Riding; Shooting (s); Sports; Trapping |
| Hurricanes *see* Storms | |
| **Huxley,** Thomas Henry | |
| **Hyacinths** | |
| Hydraulic engineering *see* Water power | |
| **Hyenas** | |
| **Hygiene** | |
| *See also* Baths and bathing; Clothing; Food; Germs; Nurses and nursing; Physical education; Physiology; Sleep; Temperance | *Refer from* Body, Human (s); Cleanliness (s); Health (s); Nurses and nursing; Physical education; Physiology |
| **Hygiene, Public** | |
| *See also* Civic readers; Street cleaning; Water supply | *Refer from* Public health (s) |
| **Hymns** | |
| *See also* Music; Poetry — Collections; Songs | *Refer from* Music; Poetry—Collections; Religion; Singing (s); Songs |
| **Hypatia** | |
| **Ice** | |
| *See also* Arctic regions; Glaciers; Ice boats; Icebergs; Skating; Water | *Refer from* Frosts; Glaciers; Physical geography; Water |
| **Ice boats** | |
| *See also* Boats and boating | *Refer from* Boats and boating; Ice; Sailing (s); Ships; Sports; Winter sports (s); Yachts and yachting |
| **Icebergs** | |
| *See also* Arctic regions; Glaciers; Physical geography | *Refer from* Arctic regions; Glaciers; Ice; Ocean; Physical geography |
| **Iceland** | *Refer from* Scandinavia (s) |
| **Ideals** | *Refer from* Aspiration (s); Character; Ethical stories |
| **Idleness** | *Refer from* Character; Ethical stories; Indolence (s); Laziness (s) |
| Imports *see* Commerce | |
| Inauguration of the presidents of the U. S. *see* Presidents | |
| Incas *see* Peru | |
| **Inchcape rock** | |
| **Independence day** | |
| *See also* Declaration of independence | *Refer from* Days (s); Declaration of independence; Fourth of July (s); Holidays; United States—Manners and customs |
| **India** | *Refer from* Asia—Description and travel; England—Colonies |
| **——Description and travel** | |
| *See also* names of cities, e.g. Bombay | |
| **——Manners and customs** | *Refer from* Manners and customs |
| India-rubber *see* Rubber | |
| Indian corn *see* Corn | |

**Indians of America**
*See also* Aztecs; Cliff dwellers; Eskimos; French and Indian war, 1755-63; Frontier life; Hiawatha; Mound builders; Wampum; (The) West; *also* names of Indians, e.g. Pocahontas, Pontiac, chief of the Ottawas — *Refer from* American Indians (s); Archaeology; Iroquois Indians (s); North American Indians (s); Pueblo Indians (s); United States—History; (The) West
——**Biography** — *Refer from* Biography
——**Folklore** (Page 12) — *Refer from* Legends; Myths
——**Industries** — *Refer from* Beadwork
**Indigo** — *Refer from* Dyeing
**Indo-China**
Indolence *see* Idleness
**Induction coils** — *Refer from* Electricity
**Industries** (Page 19)
*See also* Blacksmithing; Bookbinding; Business; Carpentry; Commerce; Dressmaking; Dyeing; Electric engineering; Engineering; Farming; Fishing; Handicraft; Housekeeping; Inventions; Lumbering; Machinery; Manufactures; Masonry; Mechanics; Millinery; Mines and mining; Occupations, Choice of; Pottery; Printing; Shipbuilding; Tanning; Tools; Weaving — *Refer from* Arts, Useful (s); Business; Commercial geography (s); Geography; Inventions; Lumbering; Manufactures; Pottery; Resources (s); Tanning; Trades (s); United States—Industries (s); Useful arts (s)
**Industry** — *Refer from* Character; Ethical stories
Iñez de Castro *see* Castro, Iñez de
**Ingelow,** Jean
**Ingres,** Jean Auguste Dominique
Injuries *see* Accidents; First aid in illness and injury
**Inquisition** — *Refer from* Middle ages; Spain—History
**Insects**
*See also* Beetles; Caterpillars; Moths; Parasites; *also* names of insects, e.g. Butterflies, Flies — *Refer from* Animals; Beetles; Zoology
Intemperance *see* Temperance
**Inventions**
*See also* Industries; Inventors — *Refer from* Civilization; Discoveries (in science); Industries; Inventors; Machinery; Science; Telegraph
**Inventors**
*See also* Inventions; *also* names of inventors, e.g. Edison, Thomas Alva — *Refer from* Biography; Inventions; Scientists
**Ionian islands**
**Ireland**
——**Description and travel**
*See also* Giant's causeway; *also* names of cities, e.g. Dublin
**Iron**
*See also* Ironwork; Metals; Mines and mining; Steel — *Refer from* Manufactures; Mines and mining; Steel
Iron Mask *see* Man with the Iron Mask
Ironclads *see* Warships
**Ironwork**
*See also* Blacksmithing; Fretwork; Metal work — *Refer from* Art; Fretwork; Handicraft; Iron; Metal work
Iroquois Indians *see* Indians of America
**Irving,** Washington
——**Birthday exercises**
**Islands**
*See also* Physical geography; *also* names of islands, e.g. Cuba — *Refer from* Geography; Physical geography
**Isle of Man**
**Isle of Wight**

Isolde *see* Tristan and Isolde
Isthmian canal *see* Panama canal
**Italian books**
*Note: Used for books in the Italian language*
**Italy**
**——Description and travel**
*See also* Capri, Island of; Corsica; Sardinia; Sicily; Vesuvius, Mount; *also* names of cities, e.g. Venice
**Ivory**
**Ixtlilxochitl,** *king of Tezcuco*
**Jackson,** Andrew — *Refer from* War of 1812
**Jackson,** *Mrs* Helen Hunt — *Refer from* Hunt, *Mrs* Helen (s)
Jackson, Stonewall *see* Jackson, Gen. Thomas Jonathan (called Stonewall)
**Jackson,** *Gen.* Thomas Jonathan (*called* Stonewall) — *Refer from* Jackson, Stonewall (s)
**Jacquard,** Joseph Marie
**Jacqueline of Bavaria,** [*countess of Holland*]
**Jamaica** — *Refer from* West Indies
**James I,** *king of England* — *Refer from* James VI, king of Scotland (s)
**James II,** *king of England*
**James I,** *king of Scotland*
**James V,** *king of Scotland*
James VI, king of Scotland *see* James I, king of England
**Japan**
*See also* Ainos
**——Folklore** — *Refer from* Japanese folklore (s)
**——Manners and customs** — *Refer from* Children
Japanese folklore *see* Japan—Folklore
Jason *see* Argonauts
**Java** — *Refer from* East Indies
**Jay,** John
Jeanne d'Arc *see* Joan of Arc
**Jefferson,** Thomas
**Jeffrey,** Francis, *lord*
**Jellyfish** — *Refer from* Ocean life
**Jenghis Khan** — *Refer from* Genghis Khan (s)
**Jenner,** Edward
Jervis, John, earl St. Vincent *see* St. Vincent, John Jervis, earl
**Jesus Christ**
*See also* Bible; Christmas; Easter — *Refer from* Christ (s); Bible stories; Religion
**Jewelry**
*See also* Beadwork; Diamonds; Pearls; Precious stones — *Refer from* Art; Costume; Diamonds; Gems (s); Gold; Handicraft; Metal work; Precious stones
**Jews**
*See also* Talmud — *Refer from* Bible stories; Hebrews (s); Man
**Joan of Arc** — *Refer from* Arc, Joan of (s); D'Arc, Jeanne (s); France—History; Jeanne d'Arc (s); Maid of Orleans (s); Patriotism
**John,** *king of England*
John of Lancaster *see* Bedford, John Plantagenet, duke of
**Johnson,** Andrew
**Johnson,** Samuel
**Johnston,** *Gen.* Joseph Eggleston

| | |
|---|---|
| Jokes *see* Humor | |
| **Joliet,** Louis | |
| **Jones,** Charles Jesse | *Refer from* Buffalo Jones (s) |
| **Jones,** John Paul | *Refer from* Naval battles |
| **Jones,** *Sir* William | |
| **Joseph,** *Indian chief* | |
| **Josephine,** *empress of the French* | |
| **Josephus,** [Flavius] | |
| **Journalism** | |
| *See also* Newspapers | *Refer from* Authors; Literature; Newspapers |
| **Juan Fernandez island** | |
| **Juana [de Navarra],** *queen of Spain* | |
| **Justice** | *Refer from* Character; Ethical stories |
| **Justinian I,** *the Great* | |
| Kaffirs *see* Kafirs | |
| **Kafirs** | |
| *See also* Africa, South | *Refer from* Africa, South; Kaffirs (s) |
| Kaler, James Otis *see* Otis, James, *pseud.* | |
| **Kalevala** | *Refer from* Folklore (s) |
| **Kane,** Elisha Kent | |
| **Kangaroos** | |
| **Kansas** | |
| **Karnak, Temple of** | |
| **Katydids** | |
| **Kauffmann,** Angelica | |
| **Kearney,** Stephen Watts | |
| Kearsarge (ship) *see* Alabama and Kearsarge (ships) | |
| **Keats,** John | |
| **Ken,** Thomas | |
| **Kenton,** Simon | |
| **Kepler,** Johann | |
| Keys *see* Locks | |
| **Kidd,** *Capt.* William | |
| **Kilauea** | *Refer from* Volcanoes |
| **Kindergarten—Games and songs** | *Refer from* Games; Play (s) |
| **Kindness** | *Refer from* Character; Ethical stories |
| **Kindness to animals** | |
| *See also* Animals—Care | *Refer from* Animals—Care; Animals, Kindness to (s); Domestic animals (s); |
| Kinetoscope *see* Moving pictures | |
| King Arthur *see* Arthur, King | |
| **King George's war, 1744-48** | |
| *See also* Colonial period, United States | *Refer from* Colonial period, United States |
| **King Horn** | *Refer from* Childe Horn (s); Folklore (s); Horn, King (s); Legends |
| **King William's war, 1689-97** | |
| *See also* Colonial period, United States | *Refer from* Colonial period, United States |
| (The) King-maker *see* Warwick, Richard Neville, earl of | |
| **Kingfishers** | |
| **Kings and rulers** | |
| *See also* Presidents; Queens; *also* names of special rulers, e.g. Alfred the Great, king of England | *Refer from* Biography; History; Rulers (s) |
| **Kingsley,** Charles | |
| **Kipling,** Rudyard | |
| **Kirchoff,** Gustav Robert | |
| **Kites** | *Refer from* Amusements; Balloons; Flying; Sports; Toys |
| Knighthood *see* Chivalry; Feudal system; Knights | |
| **Knights** | *Refer from* Chivalry; Heraldry; Knighthood (s) |

Knights of the Round Table *see* Arthur, King; Lancelot of the Lake
**Knitting**
*See also* Crocheting; Lace; Spool knitting — *Refer from* Crocheting; Fancy work (s); Lace; Needlework (s); Sewing
**Knives**
*See also* Cutlery — *Refer from* Cutlery; Hardware; Weapons
**Knots** — *Refer from* Rope
**Knox,** *Mrs* Lucy (Flucker)
Knut the Great *see* Canute, *king of England, Denmark and Norway*
**Korea** — *Refer from* China—Description and travel; Corea (s)

**Kościuszko,** [Tadeusz]
Koster, Laurens Janszoon *see* Coster, Laurens Janszoon
**Kremlin**
**Ku-Klux Klan** — *Refer from* (The) South
**Laboulaye,** Édouard
**Labrador** — *Refer from* Eskimos
**Lace**
*See also* Crocheting; Knitting — *Refer from* Art; Clothing; Crocheting; Fancy work (s); Handicraft; Knitting; Needlework (s); Sewing

**Lafayette,** *marquis de*
**La Fontaine,** Jean de
**Lake dwellers**
*See also* Man—Prehistoric — *Refer from* Archaeology; Lakes; Man—Prehistoric

Lake Erie, Battle of *see* Erie, Lake, Battle of, 1813
**Lakes**
*See also* Great Lakes; Lake dwellers; Physical geography; *also* names of lakes, e.g. Victoria, Lake — *Refer from* Physical geography; Water supply
**Lamb,** Charles
**Lambs**
**La Motte-Fouqué,** [Friedrich Heinrich Karl,] *baron* de — *Refer from* Fouqué, baron de la Motte—(s); Motte-Fouqué, baron de la (s)
**Lancelot of the Lake**
*See also* Arthur, King — *Refer from* Folklore (s); Knights of the Round Table (s); Launcelot of the Lake (s); Legends

**Landseer,** *Sir* Edwin
**Langland,** William
**Language**
*See also* Alphabet; Primers; Words
**Laocoön**
**Lapland**
**Larks**
**La Salle,** Robert Cavelier
**Lathes** — *Refer from* Carpentry; Machinery; Tools; Turning (s); Woodwork (s)

**Latimer,** Hugh
**Latin literature—Collections** — *Refer from* Classical literature (s); Literature—Roman (s); Roman literature (s)

Launcelot of the Lake *see* Lancelot of the Lake
Launches *see* Motors boats
Lava *see* Volcanoes
**Law**
*See also* Arbitration; Citizenship; Civic readers; Government; Lawyers; United States—Government — *Refer from* Government
Lawn tennis *see* Tennis

| | |
|---|---|
| **Lawrence,** James | |
| **Lawrence,** *Sir* Thomas | |
| **Lawton,** *Gen.* Henry Ware | |
| **Lawyers** | *Refer from* Law |
| Laziness *see* Idleness | |
| **Lead** | |
| *See also* Metals | *Refer from* Mines and mining |
| **Lear,** Edward | |
| **Leather** | |
| *See also* Leather work; Shoes; Tanning | *Refer from* Hides and skins (s); Manufactures; Tanning |
| **Leather work** | *Refer from* Art; Bookbinding; Handicraft; Leather |
| **Leaves** | |
| *See also* Botany; Buds; Flowers; Trees | *Refer from* Botany; Flowers; Plants; Trees |
| **Le Brun,** *Madame* | |
| **Lee,** *Gen.* Henry | |
| **Lee,** *Gen.* Robert E[dward] | |
| **Lee,** William | |
| **Leeches** | |
| **Legends** (Page 10) | |
| *See also* Animals—Stories; Arthur, King; Ballads; Beowulf; Charlemagne romances; (The) Cid; Fables; Fairy tales; Folk songs; Gawain, Sir; Gudrun; Guy of Warwick; Havelok the Dane; Holy grail; Indians of America—Folklore; King Horn; Lancelot of the Lake; Merlin; Myths; Robin Hood; Roland; Sagas; Saints; Siegfried; Tell, William; Wandering Jew; Wayland the Smith | *Refer from* Fairy tales; Folklore (s); Literature; Myths; Romances (s); Stories (s) |
| Leicester, Simon de Montfort, earl of *see* Montfort, Simon de, earl of Leicester | |
| **Leighton,** *Sir* Frederick | |
| **Leisler,** Jacob | |
| **Leo X,** *pope* | |
| Leon, Ponce de *see* Ponce de Leon, Juan | |
| **Leonardo da Vinci** | *Refer from* Vinci, Leonardo da (s) |
| **Leonidas,** *king of Sparta* | |
| **Leopards** | |
| Leper island *see* Molokai island | |
| **Lettering** | *Refer from* Alphabet; Design; Mechanical drawing; Writing |
| **Letters—Collections** | *Refer from* American literature; English literature; Literature |
| **Levant** | |
| *See also* Asia; Palestine; Turkey | |
| **Lewis,** Ida | |
| **Lewis and Clark expedition** | |
| *See also* (The) West | *Refer from* Explorers; Louisiana purchase; United States—Exploration; (The) West |
| **Lexington, Battle of, 1775** | |
| *See also* American revolution | *Refer from* American revolution |
| **Libby prison** | *Refer from* Prisons |
| **Liberty, Statue of** | *Refer from* Sculpture; Statues (s) |
| **Lichens** | |
| *See also* Mosses | *Refer from* Mosses |
| **Life-saving** | |
| *See also* Accidents; Buoys; Fire service; Lighthouses; Lightships; Shipwrecks | *Refer from* Accidents; Boats and boating; Heroes and heroism; Lifeboats (s); Shipwrecks |
| Lifeboats *see* Life-saving | |

| | |
|---|---|
| **Light**<br>*See also* Aurora borealis; Lighting; Phosphorescence; Photography; Physics; Sun; X rays | *Refer from* Physics |
| **Light Brigade, Charge of the** | *Refer from* Balaklava (s); Charge of the Light Brigade (s); Crimean war; Heroes and heroism |
| **Lighthouses** | *Refer from* Life-saving; Lighting; Signals |
| **Lighting**<br>*See also* Candles; Electric lighting; Gas; Lighthouses; Natural gas; Petroleum | *Refer from* Light |
| **Lightships** | *Refer from* Life-saving; Ships; Signals |
| **Lincoln,** Abraham<br>*See also* Gettysburg address | |
| **Lincoln,** *Gen.* Benjamin | |
| **Lincoln,** Thomas | |
| **Lincoln's birthday** (Page 16) | *Refer from* Birthdays (s); Days (s); Holidays |
| **Lind,** Jenny | *Refer from* Singers (s) |
| **Linen**<br>*See also* Cloth; Flax | *Refer from* Cloth; Flax |
| **Linnæus,** Carl *von* | |
| **Lions** | |
| **Liquid air** | *Refer from* Air; Air, Liquid (s); Gases; Liquids |
| **Liquids**<br>*See also* Liquid air | *Refer from* Fluids (s) |
| **Liszt,** Franz | |
| **Literature**<br>*See also* Authors; Ballads; Books and reading; Drama; Dramatic readers; Fables; Fairy tales; Humor; Journalism; Legends; Letters—Collections; Orations; Poetry; Proverbs; Quotations; Readers and speakers; Sagas | *Refer from* Authors; Books and reading; Poetry |
| Literature, American *see* American literature | |
| Literature, Chinese *see* Chinese literature | |
| Literature, English *see* English literature | |
| Literature, Greek *see* Greek literature—Collections | |
| Literature, Hindu *see* Hindu literature | |
| Literature, Roman *see* Latin literature—Collections | |
| **Livermore,** *Mrs* Mary [Ashton (Rice)] | |
| Lives *see* Biography | |
| **Livingstone,** David | *Refer from* Africa—Exploration |
| **Lizards** | *Refer from* Reptiles |
| **Llamas** | |
| **Llanos** | |
| **Lobsters** | *Refer from* Ocean life |
| **Locks** | *Refer from* Hardware; Keys (s); Manufactures |
| **Locomotives**<br>*See also* Railroads; Steam engines | *Refer from* Engines; Machinery; Railroads; Steam engines |
| **Locusts**<br>*See also* Cicadas (commonly called locusts); Grasshoppers | *Refer from* Grasshoppers |
| **Lofoden islands** | |
| **Log cabins** | *Refer from* Building (s); Cabins (s); Carpentry; Houses |
| Logging *see* Lumbering | |
| **Lohengrin** | *Refer from* Holy grail |

| | |
|---|---|
| **London** | |
| *See also* British Museum; Crystal palace, London; St. Paul's cathedral, London; Tower of London; Westminster abbey | *Refer from* England—Description and travel |
| **Longfellow,** Henry Wadsworth | |
| **——Birthday exercises** | *Refer from* Birthdays (s); Holidays (s) |
| Looms *see* Weaving | |
| **Loons** | |
| **Lorelei** | |
| Lorrain, Claude *see* Claude Lorrain | |
| Lorraine, Henry I de, duke of Guise *see* Guise, Henry I, de Lorraine, duke of | |
| **Lotus** | |
| Louis, St. *see* Louis IX, king of France | |
| **Louis VII,** *king of France* | |
| **Louis IX,** *king of France* | *Refer from* Louis, St. (s); Crusades |
| **Louis XI,** *king of France* | |
| **Louis XIV,** *king of France* | |
| **Louis XVII,** *titular king of France* | |
| Louis Napoleon, *see* Napoleon III, emperor of the French | |
| **Louisa,** *queen of Prussia* | |
| **Louisburg** | *Refer from* French and Indian war, 1755-63 |
| **Louisiana purchase** | |
| *See also* Lewis and Clark expedition; Mississippi valley; United States—History | *Refer from* United States—History |
| **Lowell,** Charles Russell | |
| **Lowell,** James Russell | |
| **——Birthday exercises** | |
| **Lucas,** Eliza | |
| **Lucullus** | |
| **Lumbering** | |
| *See also* Forestry; Industries; Sawmills; Trees; Wood | *Refer from* Forestry; Industries; Logging (s); Sawmills; Timber (s); Trees; Wood |
| Lusignan, Guy of *see* Guy of Lusignan, king of Jerusalem | |
| **Luther,** Martin | |
| **Lycurgus** | |
| **Lyell,** *Sir* Charles | |
| **Lynxes** | *Refer from* Wildcats (s) |
| **Lyon,** Mary | |
| **Lysander** | *Refer from* Greece, Ancient |
| **Lytton,** [Edward George Earle Lytton Bulwer-Lytton,] *baron* | *Refer from* Bulwer-Lytton, Edward George Earle Lytton, baron Lytton (s) |
| **Macaroni** | |
| **Macaulay,** [Thomas Babington,] *lord* | |
| **Macbeth** | |
| **McClellan,** *Gen.* George Brinton | |
| **McCormick,** Cyrus Hall | |
| **MacDonald,** Flora | |
| **McDonough,** Thomas | *Refer from* War of 1812 |
| **Macedonia** | |
| *See also* Alexander the Great, king of Macedon; Greece, Ancient; Philip II, king of Macedon | *Refer from* Greece, Ancient |
| **Machinery** | |
| *See also* Electric motors; Engines; Inventions; Lathes; Locomotives; Manufactures; Mechanical drawing; Mechanics; Mines and mining; Pumps; Saw- | *Refer from* Engineering; Industries; Manual training; Manufactures; Mechanics; Pumps; Tools |

Machinery—Continued
mills; Sewing machines; Steam engines· Tools; Water wheels; Windmills
**Mackay**, Alexander Murdoch
**McKinley**, William
**Mackintosh**, *Sir* James
**Madagascar**
**Madeira islands**
**Madison**, *Mrs* Dorothy (Payne)
**Madison**, James
**Madrid**
**Mæcenas**
**Magdalene of France**, *queen of Scotland*
**Magellan**, Ferdinand
**Magic**
*See also* Tricks and puzzles; Witchcraft

*Refer from* Amusements; Conjuring (s); Experiments (s); Sleight of hand (s); Tricks and puzzles

**Magic lanterns**
*See also* Moving pictures

*Refer from* Amusements; Photography; Stereopticons (s)

**Magna charta**

*Refer from* England — History; Great charter (s)

**Magnetism**
*See also* Compass; Electricity; Physics

*Refer from* Electricity; Physics

**Magpies**
**Mahogany trees**
Mahomet *see* Mohammed and Mohammedanism
Maid of Orleans *see* Joan of Arc
**Mail service**
*See also* Stamps

*Refer from* Business; Post-office (s); Transportation; United States — Government

**Maimonides**, Moses
**Maintenon**, *Madame* de
Maize *see* Corn
**Malay peninsula**

*Refer from* East Indies

**Malays**
**Malta**
**Mammoth cave**

*Refer from* Caves

**Mammoths**
*See also* Animals—Extinct; Elephants; Fossils

*Refer from* Animals—Extinct; Elephants; Fossils

**Man**
*See also* Civilization; Dwarfs; Evolution; History; Manners and customs; Physiology; *also* names of races, e.g. Jews

*Refer from* Anthropology (s); Civilization; Natural history; Physiology

——Prehistoric
*See also* Archaeology; Cave dwellers; Cliff dwellers; Evolution; Geology; Lake dwellers; Stone age

*Refer from* Archaeology; Antiquity of man (s); Evolution; Geology; Lake dwellers; Prehistoric man (s); Primitive man (s); Stone age

**Man with the Iron Mask**

*Refer from* Iron Mask (s)

**Manatees**
**Manchuria**

*Refer from* China—Description and travel; Tartars

**Mandeville**, *Sir* John
**Manila**
**Mann**, Horace
**Manners**
*See also* Conduct; Manners and customs

*Refer from* Behavior (s); Conduct; Courtesy (s); Etiquette (s); Politeness (s)

| | |
|---|---|
| **Manners and customs** (Page 23) *See also* Amusements; Archaeology; Costume; Duels and dueling; Holidays; *also* names of countries, subhead Manners and customs, e.g. India—Manners and customs | *Refer from* Civilization; Customs (s); Folklore (s); Man; Manners |
| **Mansfield,** [William Murray,] *earl of* | *Refer from* Murray, William, earl of Mansfield (s) |
| **Mantegna,** Andrea | |
| **Manual training** (Page 19) *See also* Carpentry; Drawing; Machinery; Wood carving | *Refer from* Carpentry; Education; Handicraft; Woodwork (s) |
| **Manufactures** (Page 19) *See also* Automobiles; Bricks; Candles; Carpets; Clocks and watches; Cloth; Clothing; Commerce; Cutlery; Explosives; Flour; Furniture; Glass; Hats; Industries; Iron; Leather; Locks; Machinery; Matches; Nails and screws; Needles and pins; Paper; Pens; Perfumery; Pottery; Rubber; Shoes; Soap; Steel; Tin | *Refer from* Arts, Useful (s); Business; Commerce; Industries; Machinery; Useful arts (s) |
| **Maple sugar** | *Refer from* Sugar |
| **Maple trees** | *Refer from* Trees |
| **Marathon, Battle of, 490 B. C.** *See also* Greece, Ancient | *Refer from* Battles; Greece, Ancient |
| **Marble** | *Refer from* Geology; Minerals; Quarries (s); Stone |
| **Marbles (game)** | *Refer from* Games |
| **Marcellus,** [Marcus Claudius] | |
| Marco Polo *see* Polo, Marco | |
| **Marcus Aurelius,** *emperor of Rome* | *Refer from* Aurelius Antoninus, Marcus, emperor of Rome (s) |
| **Mardi Gras** | *Refer from* Carnivals (s); Festivals (s) |
| **Margaret,** *St. see* **Margaret,** queen of Scotland | |
| **Margaret,** *queen of Scotland* | *Refer from* Margaret, St. (s); St. Margaret (s) |
| **Margaret of Anjou,** *queen of England* | |
| **Margaret of Austria,** *regent of the Netherlands* | |
| **Margaret Tudor,** *queen of Scotland* | |
| **Maria Theresa,** *empress of Austria* | |
| **Marie Antoinette,** *queen of France* | |
| Mariner's compass *see* Compass | |
| **Marion,** *Gen.* Francis | |
| **Marius,** [Caius] | |
| **Markets** *See also* Bazaars; Fairs | *Refer from* Bazaars; Business; Cities; Commerce; Food; Housekeeping; Vegetables |
| **Marlborough,** [John Churchill,] *duke of* | *Refer from* Churchill, John, duke of Marlborough (s) |
| **Marquesas islands** | |
| **Marquette,** Jacques | |
| **Marshall,** John | |
| **Martial** | |
| **Martineau,** Harriet | |
| **Mary I,** *queen of England* | |
| **Mary,** *queen of Scots* | *Refer from* Queens |
| **Mary of Lorraine,** *queen of Scotland* | |
| **Mason,** *Sir* Josiah | |
| **Masonry** *See also* Bricks; Bridges; Concrete; Dams; Stone | *Refer from* Architecture; Bricks; Building (s); Engineering; Industries; Stone |

| | |
|---|---|
| **Massachusetts** | *Refer from* New England; Pilgrim fathers |
| Massacre of St. Bartholomew *see* St. Bartholomew's day, Massacre of | |
| Mastersingers of Nuremberg *see* (The) Meistersinger | |
| **Matches** | *Refer from* Manufactures |
| **Mather,** Cotton | |
| **Matilda of Flanders,** *queen of England* | |
| **Matilda of Scotland,** *queen of England* | *Refer from* Maud, queen of England (s) |
| Maud, queen of England *see* Matilda of Scotland, queen of England | |
| **Maximilian,** *emperor of Mexico* | |
| **Maximilian I,** *duke of Bavaria* | |
| Maxims *see* Proverbs | |
| Maxwell, William, earl of Nithsdale *see* Nithsdale, William Maxwell, earl of | |
| **May day** | *Refer from* Days (s); Holidays |
| Mayflower (ship) *see* Pilgrim fathers; Plymouth | |
| **Mazarin,** [Jules,] *cardinal* | |
| **Mazeppa,** Ivan [Stepanovitch] | |
| **Meade,** *Gen.* George Gordon | |
| **Meat** | |
| *See also* Cooking | |
| **Mechanical drawing** | |
| *See also* Lettering | *Refer from* Drawing; Engineering; Machinery |
| Mechanical toys *see* Electric toys; Toys | |
| **Mechanics** | |
| *See also* Aeroplanes; Airships; Automobiles; Electric motors; Electric toys; Engineering; Handicraft; Machinery; Motor boats; Motor cycles; Physics; Steam engines | *Refer from* Engineering; Industries; Machinery; Physics |
| **Medicine** | |
| *See also* Dentistry; Doctors; Nurses and nursing; Physiology | *Refer from* Nurses and nursing; Physiology |
| **Mediterranean sea** | |
| **Meissonier,** Jean Louis Ernest | |
| **(The) Meistersinger** | *Refer from* Mastersingers of Nuremberg (s) |
| **Memorial day** | *Refer from* Days (s); Decoration day (s); Holidays |
| **Menageries** | |
| *See also* Circus | *Refer from* Animals; Animals—Houses; Natural history; Zoology |
| **Mendelssohn,** Moses | |
| **Mendelssohn-Bartholdy,** Felix | |
| **Mercury** | *Refer from* Metals; Mines and mining; Quicksilver (s) |
| **Merlin** | |
| *See also* Arthur, King | *Refer from* Folklore (s); Legends |
| **Merrimac (ship)** | *Refer from* Naval battles; United States—Navy |
| Metacom *see* Philip, King, *Indian name Metacom* | |
| **Metal work** | |
| *See also* Brass; Bronze; Copper work; Handicraft; Ironwork; Jewelry | *Refer from* Architecture; Art; Handicraft; Hardware; Ironwork |
| **Metals** | |
| *See also* Minerals; Mines and mining; *also* names of metals and alloys, e.g. Brass, Gold, Mercury | *Refer from* Aluminum; Copper; Geology; Iron; Lead; Minerals; Mines and mining; Ores (s); Silver; Smelting (s); Tin; Zinc |
| Meteorology *see* Weather | |

| | |
|---|---|
| **Meteors**<br>*See also* Astronomy | *Refer from* Astronomy; Shooting stars (s); Stars |
| **Mexican war, 1846-48** | *Refer from* United States — History; United States—History—Mexican war (s) |
| **Mexico** | *Refer from* Aztecs |
| **Mexico (city)** | |
| **Meyerbeer,** Giacomo | |
| **Mice** | |
| **Michael Angelo** | *Refer from* Artists; Angelo, Michael (s); Sculptors |
| Microbes *see* Germs | |
| **Micronesia** | |
| **Microscope** | |
| **Middle ages**<br>*See also* Castles; Chivalry; Crusades; Feudal sytem; Hanseatic league; Inquisition; Reformation | *Refer from* Chivalry; Crusades; Dark ages (s); Europe—History; Feudal system; History |
| Migration of birds *see* Birds—Migration | |
| **Miles,** *Gen.* Nelson A[ppleton] | |
| Military life *see* Army life | |
| **Milk**<br>*See also* Butter; Cheese; Cows | *Refer from* Cows; Dairy (s); Farming |
| **Milkweed** | |
| **Millais** *Sir* John Everett | |
| **Miller,** Hugh | |
| **Millet,** Jean François | |
| **Millinery**<br>*See also* Costume; Hats | *Refer from* Hats; Industries |
| **Milner,** Isaac | |
| **Miltiades** | |
| **Milton,** John | |
| **Minerals**<br>*See also* Crystals; Geology; Granite; Marble; Metals; Mines and mining; Precious stones; Rocks; *also* names of minerals, e.g. Coal; Salt | *Refer from* Crystals; Geology; Metals; Mines and mining; Natural history; Ores (s); Rocks; Science |
| **Mines and Mining**<br>*See also* Coal; Explosives; Geology; Gold; Iron; Lead; Mercury; Metals; Minerals; Salt; Silver | *Refer from* Coal; Engineering; Geology; Gold; Industries; Iron; Machinery; Metals; Minerals; Ores (s); Silver; Tunnels |
| **Mines and mining** | |
| **Ministers**<br>*See also* Preaching | *Refer from* Biography; Preachers (s); Preaching |
| **Minks** | |
| **Mints** | *Refer from* Coins; Money; United States —Mints (s) |
| **Miracle plays**<br>*See also* Oberammergau | *Refer from* Actors and acting; Drama; Plays; Religion; Theater (s) |
| **Mirage** | *Refer from* Deserts |
| **Missionary work** | *Refer from* Religion |
| **Mississippi river** | *Refer from* Rivers |
| **Mississippi valley** | *Refer from* Louisiana purchase; United States—Exploration |
| **Missouri** | |
| **Mistletoe** | |
| **Mitchell,** Maria | |
| **Mocking birds** | |
| Modeling *see* Clay modeling; Sculpture | |
| **Mohammed and Mohammedanism** | *Refer from* Mahomet (s); Moors; Religion |
| Mold *see* Fungi | |
| **Moles** | |

| | |
|---|---|
| Mollusks *see* Ocean life; Oysters; Shells | |
| **Molokai island** | |
| *See also* Damien de Veuster, Father Joseph | *Refer from* Leper island (s) |
| **Moltke,** *Count* von | |
| **Monaco** | |
| **Money** | |
| *See also* Banks and banking; Business; Coins; Commerce; Mints; Wampum; Wealth | *Refer from* Banks and banking; Business; Coins; Commerce; Finance (s); Gold; Government; Paper money (s); Silver; Wealth |
| **Monitor (ship)** | |
| **Monkeys** | |
| *See also* Apes; Baboons | *Refer from* Apes; Baboons |
| **Monmouth's rebellion, 1685** | |
| **Monroe,** James | |
| **Montefiore,** *Sir* Moses | |
| **Montenegro** | |
| *See also* Balkan states | *Refer from* Balkan states |
| **Montezuma II,** *emperor of Mexico* | *Refer from* Aztecs |
| **Montfort,** Simon de, [*earl of Leicester*] | *Refer from* Leicester, Simon de Montfort, earl of (s); Simon de Montfort (s) |
| **Montreal** | |
| **Montrose,** [James Graham,] *marquis of* | *Refer from* Graham, James, marquis of Montrose (s) |
| Monuments *see* Obelisks; Pyramids | |
| **Moody,** Dwight L[yman] | |
| **Moon** | |
| *See also* Astronomy; Eclipses; Tides | *Refer from* Astronomy; Eclipses; Planets; Tides |
| **Moore,** *Sir* John | |
| **Moore,** Thomas | |
| **Moors** | |
| *See also* Algeria; Alhambra; Mohammed and Mohammedanism; Morocco | *Refer from* Spain—History |
| **Moose** | |
| Moral stories *see* Ethical stories | |
| **Morales,** Luis de | |
| **More,** *Sir* Thomas | |
| **Morgan,** *Gen.* Daniel | |
| **Morgan,** Edwin Dennison | |
| **Morley,** *Sir* Robert | |
| **Mormons** | |
| **Morning-glories** | |
| **Morocco** | *Refer from* Moors |
| **Morris,** Gouverneur | |
| **Morris,** Robert | |
| **Morse,** Samuel Finley [Breese] | *Refer from* Telegraph |
| **Morton,** Levi P[arsons] | |
| **Moscow** | *Refer from* Russia—Description and travel |
| **Moselle river** | |
| **Moses** | *Refer from* Bible stories |
| **Mosquitoes** | |
| **Mosses** | |
| *See also* Lichens | *Refer from* Lichens |
| Mother Goose melodies *see* Nursery rhymes | |
| **Moths** | |
| *See also* Butterflies; Caterpillars; Silkworms | *Refer from* Butterflies; Caterpillars; Chrysalis (s); Cocoons (s); Insects |
| Motion pictures *see* Moving pictures | |
| **Motley,** John Lothrop | |
| **Motor boats** | *Refer from* Boats and boating; Electric launches (s); Launches (s); Mechanics; Power boats (s) |

Motor carriages *see* Automobiles
**Motor cycles** — *Refer from* Bicycles and bicycling; Mechanics; Sports

Motors *see* Electric motors
**Mott,** *Mrs* Lucretia
Motte-Fouqué, *baron* de la *see* La Motte-Fouqué Friedrich Heinrich Karl, baron de
Mottoes *see* Proverbs; Quotations
Mould *see* Fungi
**Moulton,** *Mrs* Louise (Chandler)
**Mound builders** — *Refer from* Archaeology; Indians of America; Tombs

**Mount Vernon** — *Refer from* United States — Description and travel; Washington, George

**Mountains**
*See also* Geology; Physical geography; Volcanoes; *also* names of mountains, e.g. Alps mountains; Etna, Mount; Rocky mountains — *Refer from* Geology; Physical geography

**Moving pictures** — *Refer from* Actors and acting; Amusements; Drama; Kinetoscope (s); Magic lanterns; Motion pictures (s); Photography; Pictures; Pictures, Moving (s); Plays; Theater (s)

**Mozambique**
**Mozart,** Wolfgang Amadeus
Mucius, Caius *see* Scævola, C. Mucius
Mud Turtles *see* Turtles
**Mummies**
**Munich**
Murfree, Mary Noailles *see* Craddock, Charles Egbert, pseud
**Murillo,** Bartolomé Estéban
Murray, William, earl of Mansfield *see* Mansfield William Murray, earl of
**Museums**
*See also* British museum — *Refer from* Art; Exhibitions (s)
**Mushrooms**
*See also* Fungi — *Refer from* Fungi; Toadstools (s)
**Music**
*See also* Cantatas; College songs; Hymns; Musical instruments; Musicians; Operettas; Songs — *Refer from* Art; Hymns; Singing (s); Sound
**Musical instruments**
*See also* Piano — *Refer from* Music; Piano
**Musicians**
*See also* names of musicians, e.g. Wagner, Richard — *Refer from* Artists; Biography; Composers (s); Music; Singers (s)
**Muskrats**
Mythology *see* Myths
**Myths** (Page 9)
*See also* Argonauts; Fairy tales; Indians of America—Folklore; Legends; Sagas; *also* names of mythological heroes, e.g. Hercules, Theseus — *Refer from* Fairy tales; Folklore (s); Heroes and heroism; Legends; Mythology (s); Religion; Stories (s)
——**Greek and Roman** — *Refer from* Classical mythology (s); Greek mythology (s); Roman mythology (s)
——**Norse** — *Refer from* Norse mythology (s); Norsemen; Northern mythology (s)

**Nails and screws** — *Refer from* Manufactures; Screws (s); Tools

**Names** — *Refer from* Christian names (s); Words
**Nansen,** Fridtjof — *Refer from* Arctic regions

**Naples**
**Napoleon I,** *emperor of the French*
*See also* Waterloo, Battle of, 1815

*Refer from* Bonaparte, Napoleon (s); French revolution

**Napoleon III,** *emperor of the French*

*Refer from* Bonaparte, Louis Napoleon (s); Louis Napoleon (s)

**Nasmyth,** James
**Nasturtiums**
**Natal**
National songs *see* Folk songs; Songs
**Natural bridge, Arizona**
**Natural bridge, Virginia**
**Natural gas**
*See also* Gas

*Refer from* Gas; Gases; Geology; Lighting; Petroleum

**Natural history** (Page 18)
*See also* Animals; Aquariums; Botany; Fossils; Geology; Man; Menageries; Minerals; Nature; Ocean; Outdoor life; Plants; Physical geography; Science Taxidermy; Trees; Zoology

*Refer from* Animals; Botany; Nature; Outdoor life; Plants; Science; Zoology

**Nature** (Page 18)
*See also* Animals; Arbor day; Birds; Botany; Earth; Flowers; Natural history; Outdoor life; Plants; Science; Seasons; Trees; Zoology

*Refer from* Arbor day; Botany; Country life; Natural history; Outdoor life; Physical geography; Science; Zoology

——**Poetry**

*Refer from* Poetry—Collections

**Nautilus**
**Naval battles** (Page 22)
*See also* Battles; Spanish armada, 1588; Pirates; Submarine boats; Torpedo boats; United States—Navy; Warships; *also* names of naval battles, commanders and ships, e.g. Erie, Lake, Battle of, 1813; Jones, John Paul; Merrimac (ship)

*Refer from* Armies (s); Battles; Fighting (s); History; Naval life; Navies (s); Sea fights (s); United States—Navy; War; Warships

**Naval life**
*See also* Naval battles; Pirates; Sea stories; Ships; United States Naval Academy, Annapolis; United States—Navy; Voyages

*Refer from* Armies (s); Army life; Navies (s); Sailors; Sea stories; Ships; Soldiers; United States—Navy

**Naval War College, Newport, R. I.**

*Refer from* United States, Naval War College, Newport, R. I. (s)

Navies *see* Naval battles; Naval life; Shipbuilding; Spanish armada, 1588; Submarine boats; Torpedo boats; Warships; *also* names of countries, subhead Navy, e.g. France—Navy, United States—Navy
**Necker,** Jacques
**Needles and pins**

*Refer from* Manufactures; Pins (s)

Needlework *see* Beadwork; Crocheting; Drawn work; Dressmaking; Embroidery; Knitting; Lace; Sewing; Tapestry
**Negroes**
*See also* Slavery

*Refer from* Colored people (s); Man; Slavery; (The) South

——**Stories**

*Refer from* Folklore (s)

**Nelson,** *Admiral* Horatio
**Nero,** *emperor of Rome*
**Nests**
*See also* Birds

*Refer from* Birds; Birds' nests (s); Zoology

**Netherlands**

*Refer from* Holland (s)

——**Description and travel**
*See also* names of cities, e. g. (The) Hague

Neville, Richard, earl of Warwick *see* Warwick, Richard Neville, earl of
New Amsterdam *see* New York (city)
**New Caledonia island**
**New England**
*See also* Pilgrim fathers; *also* names of the New England states, e. g. Massachusetts — *Refer from* United States—History
**New Guinea**
**New Hebrides islands**
**New Jersey**
**New Mexico**
New Netherlands *see* New York (state)
**New Orleans**
New testament *see* Bible
**New Year's day** (Page 16) — *Refer from* Days (s); Holidays
**New York (state)** — *Refer from* New Netherlands (s)
**New York (city)** — *Refer from* New Amsterdam (s)
**New Zealand**
**Newfoundland**
**Newspapers**
*See also* Journalism — *Refer from* Journalism
**Newton,** *Sir* Isaac
**Niagara falls** — *Refer from* United States — Description and travel
**Nicaragua** — *Refer from* Central America
**Nicholas,** *child crusader*
**Nicias**
Nicolette *see* Aucassin and Nicolette
**Nightingale,** Florence — *Refer from* Nurses and nursing
**Nightingales**
**Nijni Novgorod** — *Refer from* Fairs
Nile, Battle of the, 1798 *see* Aboukir bay, Battle of, 1798
**Nile river** — *Refer from* Africa—Description and travel; Egypt—Description and travel
**Nithsdale,** [William Maxwell,] *earl of* — *Refer from* Maxwell, William, earl of Nithsdale (s)
**Nitrogen** — *Refer from* Gases
**Njals saga** — *Refer from* Sagas
Nonsense rhymes *see* Humor; Nursery rhymes
**Nordenskiöld,** [Adolf Erik,] *baron*
**Norfolk,** [Thomas Howard,] *duke of* — *Refer from* Howard, Thomas, duke of Norfolk (s); Surrey, Thomas Howard, earl of (s)
**Norfolk island**
Norman conquest *see* England—History; Hastings, Battle of, 1066
**Normandy**
Norse mythology *see* Myths—Norse
**Norsemen**
*See also* Myths—Norse; Sagas — *Refer from* Northmen (s); Vikings (s)
**North America** (Page 21) — *Refer from* America (s)
**——Discovery and settlement** — *Refer from* Colonial period, United States; Discovery of America (s); Exploration (s); United States—Exploration; United States—History—Discovery (s)
North American Indians *see* Indians of America
North pole *see* Arctic regions
Northeast passage *see* Arctic regions
Northern lights *see* Aurora borealis
Northern mythology *see* Myths—Norse
Northmen *see* Norsemen

Northwest passage *see* Arctic regions
**Northwest Territory, United States** (Page 22)
**Norway**
**Notre Dame, Paris**
**Nova Zembla**
**Nubia**
**Numa Pompilius,** *king of Rome*
**Nuñez Cabeça de Vaca,** Alvarez

**Nuremberg**
**Nursery rhymes** (Page 16)
*See also* Poetry—Collections

**Nurses and nursing**
*See also* Accidents; Hygiene; Medicine; Nightingale, Florence; Red-cross
Nutmeg *see* Spices
**Nuts and nutting**
*See also* Chestnuts; Cocoanuts; Peanuts
**Oak trees**
**Obedience**

**Obelisks**

**Oberammergau**

**Observation**
**Occupations, Choice of**
*See also* Business

**Occupations for children** (Page 17)
*See also* Amusements; Games; Handicraft
**Ocean**
*See also* Gulf stream; Icebergs; Physical geography; Sailors; Sea stories; Ships; Shipwrecks; Tides; Voyages; Waves
**Ocean life**
*See also* Alligators; Aquariums; Barnacles; Coral; Crabs; Crocodiles; Cuttlefish; Fish; Jellyfish; Lobsters; Oysters; Sea anemones; Sea urchins; Seals (animals); Seashore; Sponges; Starfish; Walrus; Whales and whaling
**Oceanica**
**O'Connell,** Daniel
Octavius Cæsar *see* Augustus, Caius Octavius, emperor of Rome
Octopus *see* Cuttlefish
Odysseus *see* Ulysses
**Oglethorpe,** *Gen.* James Edward
**Ohio**
**Ohio valley**
Oil painting *see* Painting
**Oils**
*See also* Petroleum
**Olaf I** [(Tryggvason),] *king of Norway*
**Olaf II,** *king of Norway*
Old testament *see* Bible

*Refer from* United States—Exploration; United States—History; (The) West
*Refer from* Scandinavia (s)
*Refer from* Cathedrals

*Refer from* Cabeça de Vaca, Alvarez Nuñez (s); Vaca, Alvarez Nuñez Cabeca de (s)

*Refer from* Folklore (s); Humor; Mother Goose melodies (s); Nonsense rhymes (s); Poetry—Collections; Rhymes (s)

*Refer from* Hygiene; Medicine; Trained nurses (s)

*Refer from* Trees

*Refer from* Acorns
*Refer from* Character; Disobedience (s); Ethical stories
*Refer from* Archaeology; Egypt—Description and travel; Monuments (s)
*Refer from* Miracle plays; Passion play (s)

*Refer from* Business; Choice of occupations (s); Industries; Professions, Choice of (s); Success; Trades (s)

*Refer from* Amusements; Children; Games; Handicraft; Recreations (s)

*Refer from* Earth; Natural history; Physical geography; Sea (s); Seashore; Tides

*Refer from* Animal kingdom (s); Animals; Fish; Mollusks (s); Seashore; Seaweeds (s); Zoology

| | |
|---|---|
| **Olives** | |
| **Olympic games** | |
| *See also* Athletics; Games; Physical education; Sports | *Refer from* Athletics; Games; Greece, Ancient; Sports |
| **Operas, Stories from** | *Refer from* Wagner, Richard—Stories from his operas (s) |
| **Operettas** | |
| *See also* Cantatas; Plays | *Refer from* Actors and acting; Cantatas; Music; Plays; Theater (s) |
| **Opium** | |
| **Opossums** | |
| **Orang-outangs** *see* Apes | |
| **Orations** | |
| *See also* Debating; Readers and speakers. | *Refer from* Addresses (s); American literature; Debating; Declamations (s); Elocution (s); English literature; Literature; Readers and speakers; Speeches (s). |
| **Orderliness** | *Refer from* Character; Ethical stories |
| Ordnance *see* Guns | |
| **Oregon (ship)** | |
| Ores *see* Metals; Minerals; Mines and mining. | |
| **Orinoco river** | |
| **Orioles** | |
| **Orkney islands** | |
| Ornithology *see* Birds | |
| **Osceola,** *chief of the Seminoles* | |
| **Ostriches** | |
| Otho, *emperor of Rome* | |
| **Otis,** James, (*pseud.* [of James Otis Kaler]) | *Refer from* Kaler, James Otis |
| **Otters** | |
| **Outdoor life** | |
| *See also* Camping; Country life; Fishing; House boats; Hunting; Natural history; Nature; Picnics; Sports; Walking. | *Refer from* Camping; Country life; Natural history; Nature; Sports |
| **Owls** | |
| **Oxen** *see* Cattle | |
| **Oxford University** | |
| **Oysters** | *Refer from* Food; Mollusks (s); Ocean life |
| **Pacific ocean** | |
| **Paganini,** Nicolo | |
| **Page,** Thomas Nelson | |
| **Pageants** | |
| *See also* Coronations; Fairs; Plays | *Refer from* Actors and acting; Amusements; Drama; Festivals (s); Pantomime; Plays; Tableaux |
| **Paint** | |
| **Painters** | |
| *See also* Artists; *also* names of painters, e. g. Raphael; West, Benjamin | *Refer from* Artists; Biography; Painting |
| **Painting** | |
| *See also* Art; Artists; China painting; Color; Design; Drawing; Painters; Perspective; Pictures | *Refer from* Art; Oil painting (s); Pictures; Water color painting (s) |
| Paintings *see* Pictures | |
| **Palestine** | |
| *See also* Dead sea | *Refer from* Holy Land (s); Levant |
| **Palestrina,** Giovanni Pierluigi da | |
| **Palissy,** Bernard | |
| **Palm trees** | |
| **Panama** | |
| **Panama canal** | *Refer from* Canals; Isthmian Canal (s) |
| **Panthers** | *Refer from* Cougars (s); Pumas (s) |

| | |
|---|---|
| **Pantomime** | |
| *See also* Pageants; Plays; Puppet shows; Shadow pictures; Tableaux | *Refer from* Actors and acting; Amusements; Drama; Plays; Puppet shows; Shadow pictures; Tableaux |
| **Paper** | *Refer from* Manufactures; Printing; Writing |
| Paper money *see* Money | |
| **Paper work** | *Refer from* Art; Artificial flowers (s); Cardboard construction (s); Flowers (artificial) (s) |
| **Paraguay** | |
| **Parasites** | *Refer from* Botany; Insects |
| **Paris** | *Refer from* France — Description and travel |
| **Park,** Mungo | |
| **Parkman,** Francis | |
| Parliament—England *see* England—Parliament | |
| **Parr,** Samuel | |
| **Parrots** | *Refer from* Cockatoos (s) |
| **Parsifal** | *Refer from* Parzival (s); Holy grail |
| **Parthenon** | |
| *See also* Athens | *Refer from* Athens |
| **Parties** | |
| *See also* Amusements; Dances; Picnics | *Refer from* Amusements; Children's parties (s) |
| **Partridges and quails** | *Refer from* Quails (s) |
| Parzival *see* Parsifal | |
| **Pascal,** Blaise | |
| Passion play *see* Oberammergau | |
| **Patagonia** | |
| **Patience** | *Refer from* Character; Ethical stories |
| **Patrick, St.** | *Refer from* St. Patrick (s) |
| Patriotic songs *see* Songs | |
| **Patriotism** | |
| *See also* Citizenship; Civic readers; Flags; *also* names of patriots, e. g. Hale, Nathan; Joan of Arc; Robert Bruce, king of Scotland | *Refer from* Citizenship; Government |
| **Pattison,** Dorothy Wyndlow | *Refer from* Sister Dora (s) |
| **Paula,** *St.* | *Refer from* St. Paula (s); Saints |
| **Paulus,** Æmilius | |
| **Pawnee Indians** | |
| **Payn,** James | |
| **Peabody,** George | |
| **Peace** | |
| *See also* Arbitration | *Refer from* Arbitration; War |
| **Peanuts** | *Refer from* Nuts and nutting |
| **Pearls** | |
| *See also* Precious stones | *Refer from* Gems (s); Jewelry; Precious stones |
| **Peary,** Robert Edwin | |
| **Peat** | *Refer from* Fuel (s); Geology; Heating; Physical geography |
| **Peccaries** | |
| **Peking** | *Refer from* China—Description and travel |
| **Pelicans** | |
| **Pelopidas** | |
| **Pembroke,** [John Hastings,] *earl of* | *Refer from* Hastings, John, earl of Pembroke (s) |
| **Pencils** | |
| **Penguins** | |
| **Peninsular war, 1807-14** | *Refer from* France—History |
| **Penn,** William | *Refer from* Pennsylvania |

**Pennsylvania**
*See also* French and Indian war, 1755-63; Penn, William; Philadelphia; Pittsburgh; Quakers
——**Geography** *Refer from* Geography
——**Government**
**Pens** *Refer from* Manufactures; Writing
Pepper *see* Spices
**Perfumery** *Refer from* Manufactures
**Pericles** *Refer from* Greece, Ancient
**Perrault,** Charles
**Perry,** Matthew Calbraith, *commodore* *Refer from* War of 1812
**Perry,** Oliver Hazard, *commodore* *Refer from* Heroes and heroism
**Perseus** *Refer from* Character; Ethical stories
**Perseverance**
**Persia** *Refer from* Painting
**Perspective** *Refer from* Incas (s)
**Peru**
Pescara, *marchesa di see* Colonna, Vittoria
**Peter the Great,** *czar of Russia* *Refer from* Heroes and heroism
**Peter of Haarlem** *Refer from* Crusades
**Peter the Hermit**
Petrograd *see* St. Petersburg
**Petroleum**
*See also* Gas; Natural gas
**Petroleum** *Refer from* Coal oil (s); Fuel (s); Gas; Geology; Heating; Lighting; Oils
Pets *see* Animals—Care; *also* names of animals, e.g. Cats; Dogs
**Pheasants**
**Phelps,** Elizabeth Stuart *see* Ward, *Mrs* Elizabeth Stuart (Phelps)
**Phidias**
**Philadelphia** *Refer from* Pennsylvania
**Philadelphia (ship)**
*See also* Decatur, Stephen
**Philip,** *King, Indian name* Metacom *Refer from* Metacom (s)
**Philip II,** *king of Macedon* *Refer from* Macedonia
**Philip II,** *king of Spain*
**Philippine islands** *Refer from* Spanish-American war, 1898
**Phillips,** Wendell
**Philopœmen**
**Phips,** *Sir* William
**Phocion**
**Phœnicia**
**Phonograph** *Refer from* Graphophone (s); Sound; Talking machines (s)
**Phosphorescence** *Refer from* Light
*See also* Foxfire
**Photography** *Refer from* Art; Cameras (s); Light; Pictures; Printing
*See also* Magic lanterns; Moving pictures; Pictures
**Physical education** (Page 17) *Refer from* Athletics; College athletics; (s); Education; Exercise (s); Games; Gymnasiums; Gymnastics (s); Hygiene; Olympic games; Physiology; Recreations (s); Sports
*See also* Athletics; Games; Hygiene; Sports
**Physical geography** (Page 23) *Refer from* Climate; Earth; Earthquakes; Geography; Geography, Physical (s); Geology; Glaciers; Icebergs; Islands; Lakes; Mountains; Natural history; Ocean; Physics; Rivers; Science; Tides; Volcanoes; Water
*See also* Caves; Climate; Clouds; Deserts; Earth; Earthquakes; Geography; Geology; Geysers; Glaciers; Ice; Icebergs; Islands; Lakes; Mountains; Nature; Ocean; Peat; Prairies; Rain; Rivers; Seashore; Springs; Storms; Tides; Tropics; Volcanoes; Water; Waves; Weather; Winds.

Physicians *see* Doctors
Physics
*See also* Air; Barometer; Chemistry; Electricity; Evaporation; Gases; Gravitation; Gyroscope; Heat; Light; Magnetism; Mechanics; Physical geography; Radium; Scientific recreations; Soap bubbles; Sound; Steam; Thermometer; Water; Waves; Weather
*Refer from* Chemistry; Electricity; Gravitation; Heat; Light; Magnetism; Mechanics; Science; Sound
Physiology
*See also* Hygiene; Man; Medicine; Physical education; Sleep
*Refer from* Anatomy (s); Body, Human (s); Hygiene; Man; Medicine
Piano
*See also* Musical instruments
*Refer from* Musical instruments
Picnics
*Refer from* Amusements; Outdoor life; Parties
Picture-books
Picture frames
Picture galleries *see* Art galleries
Pictures
*See also* Artists; Drawing; Etching; Moving pictures; Painting; Photography
*Refer from* Art; House decoration; Painting; Paintings (s); Photography
Pictures, Moving *see* Moving pictures
Pierce, Franklin
Pigeons
*Refer from* Carrier pigeons (s); Doves (s); Poultry
Pigmies *see* Dwarfs
Pigs
*Refer from* Farming; Swine (s)
Pike, Zebulon Montgomery
Pike's peak
*Refer from* Rocky mountains
Pilgrim fathers
*See also* Colonial period, United States; Massachusetts; Plymouth; Standish, Miles; Thanksgiving day
*Refer from* Biography; Colonial period, United States; Mayflower (ship) (s); New England; Plymouth; Puritans (s)
Pilots and piloting
*Refer from* Harbors
Pine trees
*Refer from* Evergreens (s)
Pineapples
Pins *see* Needles and pins
Pinzon, Vicente Yañez
Pioneer life *see* Frontier life
Pioneers *see* Frontier life
Pirates
*Refer from* Adventure; Buccaneers (s); Naval battles; Naval life; Sea stories; Voyages
Pisistratus
Pitcairn island
Pitcher, Molly
Pitt, William, *earl of Chatham,* 1708-78
*Refer from* Chatham, William Pitt, earl of (s)
Pitt, William, 1759-1806
Pittsburgh
*Refer from* Pennsylvania
Pizarro, Francisco
Planets
*See also* Astronomy; Earth; Moon; Stars
*Refer from* Astronomy; Solar system (s); Stars
Plants (Page 18)
*See also* Botany; Buds; Bulbs; Flowers; Fruit; Fungi; Galls (botany); Gardens and gardening; Herbariums; Leaves; Natural history; Roots; Seeds; Trees; Weeds; *also* names of plants, e.g. Ferns, Gentians
*Refer from* Botany; Bulbs; Farming; Flowers; Gardens and gardening; Natural history; Nature; Roots; Seeds
Play *see* Amusements; Athletics; Games; Kindergarten—Games and songs; Sports

| | |
|---|---|
| **Plays** (Page 18)<br>*See also* Actors and acting; Cantatas; Charades; Christmas—Plays; Dialogues; Drama; Dramatic readers; Games; Miracle plays; Moving pictures; Operettas; Pageants; Pantomime; Puppet shows; Shadow pictures; Tableaux | *Refer from* Actors and acting; Amateur theatricals (s); Amusements; Cantatas; Charades; Costume; Dialogues; Drama; Dramatic readers; Operettas; Pageants; Pantomime; Private theatricals (s); Puppet shows; Tableaux; Theater (s); Theatricals, Amateur (s) |
| **Pliny,** *the elder* | |
| **Pliny,** *the younger* | |
| **Plymouth**<br>*See also* Pilgrim fathers; Standish, Miles | *Refer from* Mayflower (ship) (s); Pilgrim fathers |
| **Pocahontas** | *Refer from* Indians of America |
| **Poe,** Edgar Allan | |
| **Poetry** (Page 15)<br>*See also* Literature; Poets | *Refer from* American literature; American poetry (s); Ballads; English literature; Literature; Poets; Rhymes (s) |
| **——Collections** (Page 15)<br>*See also* Ballads; Hymns; Nursery rhymes; Quotations; Readers and speakers; Songs; *also* various subjects, subhead Poetry, e. g. Animals—Poetry, Christmas—Poetry, Nature—Poetry; Flowers—Poetry | *Refer from* Hymns; Nursery rhymes; Readers and speakers |
| **Poets**<br>*See also* Authors; Poetry; *also* names of poets, e. g. Burns, Robert | *Refer from* American literature; Authors; Biography; English literature; Poetry |
| **Poitiers, Battle of, 1356** | |
| **Poland** | |
| Polar regions *see* Antarctic regions; Arctic regions | |
| Politeness *see* Manners | |
| Politics *see* Government | |
| **Polk,** James Knox | |
| **Pollen** | |
| **Polo,** Marco | *Refer from* Marco Polo (s) |
| **Pompeii** | |
| **Pompey** *the Great* | |
| Ponies *see* Horses | |
| **Ponce de Leon** [Juan] | *Refer from* Leon, Ponce de (s) |
| **Pontiac,** *chief of the Ottawas* | *Refer from* French and Indian war, 1755-63; Indians of America |
| **Pope,** Alexander | |
| **Poplar trees** | |
| **Popocatepetl** | *Refer from* Volcanoes |
| **Poppies** | |
| Porcelain *see* Pottery | |
| **Porcupines** | |
| **Port Arthur, Siege of, 1904** | |
| **Porter,** *Capt.* David | |
| **Porter,** *Admiral* David Dixon | |
| **Porto Rico** | *Refer from* Puerto Rico (s); West Indies |
| Ports *see* Harbors | |
| **Portugal** | |
| Post-office *see* Mail service | |
| Postage stamps *see* Stamps | |
| **Potatoes**<br>*See also* Vegetables | *Refer from* Vegetables |
| **Potter,** Paul | |
| **Pottery**<br>*See also* China painting; Clay modeling; Industries | *Refer from* Art; Chinaware (s); Industries; Manufactures; Porcelain (s) |

| | |
|---|---|
| **Poultry**<br>*See also* Chickens; Ducks; Eggs; Geese; Pigeons; Turkeys | *Refer from* Chickens; Ducks; Farming; Geese; Hens; Turkeys |
| Power boats *see* Motor boats | |
| **Powhatan,** *Indian chief* | |
| **Prairie dogs** | |
| **Prairies** | *Refer from* Physical geography; (The) West |
| **Praxiteles** | |
| Preachers *see* Ministers; Preaching | |
| **Preaching**<br>*See also* Ministers | *Refer from* Ministers; Preachers (s); Religion |
| **Preble,** Edward, *commodore* | |
| **Precious stones**<br>*See also* Diamonds; Jewelry; Pearls | *Refer from* Diamonds; Gems (s); Jewelry; Minerals; Pearls; Stone |
| Prehistoric man *see* Man—Prehistoric | |
| **Prescott,** William H[ickling] | |
| **Presidents** | *Refer from* Biography; Inauguration of the presidents of the U. S. (s); Kings and rulers; United States—Biography (s); United States—Government; United States—Presidents (s) |
| **Prester John** | |
| **Pribilof islands** | |
| **Pride** | *Refer from* Character; Ethical stories |
| **Primers** (Page 16)<br>*See also* Readers and speakers | *Refer from* Alphabet; Language; Readers and speakers |
| Primitive man *see* Man—Prehistoric | |
| **Primroses** | |
| **Prince Edward Island** | |
| **Princes in the Tower** | |
| **Printing**<br>*See also* Calico printing; Paper; Photography | |
| **Printing** | *Refer from* Books and reading; Industries; Type (s) |
| **Prisons**<br>*See also* Andersonville prison; Bastille; Libby prison | |
| Private theatricals *see* Plays | |
| Professions, Choice of *see* Occupations, Choice of | |
| **Prometheus** | |
| **Promptness** | *Refer from* Character; Ethical stories; Punctuality (s) |
| **Proverbs**<br>*See also* Quotations | *Refer from* Folklore (s); Literature; Maxims (s); Mottoes (s); Quotations |
| Public health *see* Hygiene, Public | |
| Public schools *see* Schools | |
| Pueblo Indians *see* Cliff dwellers; Indians of America | |
| Puerto Rico *see* Porto Rico | |
| **Pulcheria,** *Byzantine empress* | |
| **Pullman,** George Mortimer | |
| Pumas *see* Panthers | |
| **Pumpkins** | |
| **Pumps**<br>*See also* Machinery; Water supply | *Refer from* Engines; Machinery; Water supply |
| Punch and Judy shows *see* Puppet shows | |
| Punctuality *see* Promptness | |

| | |
|---|---|
| **Punic wars**<br>*See also* Rome, Ancient | *Refer from* Rome, Ancient |
| **Puppet shows**<br>*See also* Pantomime; Plays | *Refer from* Actors and acting; Amusements; Drama; Pantomime; Plays; Punch and Judy shows (s) |
| **Purcell,** Henry | |
| Puritans *see* Pilgrim fathers | |
| **Pussy willows** | |
| **Putnam,** *Gen.* Israel | |
| Puzzles *see* Riddles; Tricks and puzzles | |
| Pygmies *see* Dwarfs | |
| **Pyramids** | *Refer from* Archaeology; Egypt — Description and travel; Monuments (s); Tombs |
| **Pyrography**<br>*See also* Handicraft | *Refer from* Art; Burnt wood work (s); Handicraft; Woodwork (s) |
| **Pyrrhus,** *king of Epirus* | |
| Quails *see* Partridges and quails | |
| **Quakers**<br>*See also* Pennsylvania | *Refer from* Friends, Society of (s); Pennsylvania |
| Quarries *see* Granite; Marble; Rocks | |
| **Quebec** | *Refer from* Canada — Description and travel |
| **Quebec, Siege of, 1759** | |
| **Queen Anne's War, 1702-13**<br>*See also* Colonial period, United States | *Refer from* Colonial period, United States |
| **Queens**<br>*See also* names of queens, e. g. Mary, queen of Scots | *Refer from* Biography; Girls; History; Kings and rulers; Women—Biography |
| Quicksilver *see* Mercury | |
| **Quotations**<br>*See also* Proverbs | *Refer from* Literature; Mottoes (s); Poetry—Collections; Proverbs |
| **Rabbits** | *Refer from* Hares (s) |
| **Raccoons** | *Refer from* Coons (s) |
| **Radium**<br>*See also* X rays | *Refer from* X rays; Physics |
| **Raffia work**<br>*See also* Baskets | *Refer from* Baskets; Handicraft; Weaving |
| **Railroads**<br>*See also* Electric railroads; Engineering; Locomotives; Steam engines; Street railroads; Transportation; Tunnels | *Refer from* Commerce; Engineering; Locomotives; Railways (s); Roads; Transportation |
| **——Stories** | *Refer from* Train stories (s) |
| Railways *see* Railroads | |
| **Rain**<br>*See also* Storms; Weather | *Refer from* Climate; Physical geography; Storms; Water; Weather |
| **Rainbow** | |
| **Raisins** | |
| **Raleigh,** *Sir* Walter | |
| **Rameses II,** *the Great* | |
| **Ranch life**<br>*See also* Frontier life; (The) West | *Refer from* Cowboys(s); Farming; Frontier life; (The) West |
| **Randolph,** John | |
| **Raphael** | *Refer from* Painters |
| **Rats** | |
| **Ravens** | |

**Readers and speakers** (Page 16)
*See also* Books and reading; Civic readers; Debating; Dialogues; Dramatic readers; Geography—Readers; Orations; Poetry—Collections; Primers

*Refer from* American literature; Declamations (s); Dialogues; Elocution (s); English literature; Humor; Literature; Orations; Poetry — Collections; Primers; Recitations (s); Speakers (s); Speeches (s)

Reading *see* Books and reading
**Récamier,** *Mme* [Jeanne Françoise Adélaide (Bernard)]
Recitations *see* Readers and speakers
Recreations *see* Amusements; Games; Occupations for children; Physical education; Sports
**Red-cross**

*Refer from* Nurses and nursing

**Red Jacket,** *Indian name* Sagoyewatha

*Refer from* Sagoyewatha (s)

**Reformation**
*See also* Thirty years' war, 1618-48

*Refer from* Europe—History; Germany—History; History; Middle ages

**Regulus**
**Reid,** Samuel Chester
**Reindeer**

*Refer from* Deer; Zoology

**Religion**
*See also* Bible stories; Buddha and Buddhism; Druids; Hymns; Jesus Christ; Miracle plays; Missionary work; Mohammed and Mohammedanism; Myths; Preaching; Saints
**Rembrandt** [van Ryn]
Remus, Uncle, *pseud see* Harris, Joel Chandler
Reni, Guido *see* Guido Reni
**Reptiles**
*See also* Alligators; Crocodiles; Lizards; Snakes

*Refer from* Alligators; Animals; Snakes; Zoology

Resources *see* Conservation; Industries
**Retreat of the ten thousand**

*Refer from* Greece, Ancient

**Revere,** Paul
Revolutionary war, United States *see* American revolution
**Reynolds,** *Sir* Joshua
**Rhine river**
**Rhinoceros**
**Rhodes**
Rhymes *see* Nursery rhymes; Poetry
**Ribera,** Jusepe, *called* Spagnoletto

*Refer from* Spagnoletto, José Ribera, called (s)

**Rice**

*Refer from* Farming; Grain

**Richard I,** *king of England*

*Refer from* Richard the Lion-hearted (s); Crusades

**Richard II,** *king of England*
**Richard III,** *king of England*
**Richard the Fearless,** *duke of Normandy*
Richard the Lion-hearted *see* Richard I, king of England
**Richards,** *Mrs* Laura E[lizabeth (Howe)]
**Richelieu,** [Armand Jean du Plessis], *cardinal* [de]

*Refer from* Du Plessis, Armand Jean, cardinal de Richelieu (s)

**Richter,** Jean Paul
**Riddles**
*See also* Charades; Tricks and puzzles

*Refer from* Amusements; Charades; Conundrums (s); Puzzles (s); Tricks and puzzles

| | |
|---|---|
| **Riding** | |
| *See also* Horses; Hunting; Stagecoaches | *Refer from* Amusements; Horsemanship (s); Sports |
| **Rienzi,** Cola di | |
| **Rittenhouse,** David | |
| **Rivers** | |
| *See also* Dams; Physical geography; Water power; Water supply; *also* names of rivers, e. g., Congo river, Mississippi river | *Refer from* Engineering; Physical geography; Transportation; Water; Water supply |
| **Roach,** John | |
| **Roads** | |
| *See also* Engineering; Railroads; Street cleaning; Street railroads | *Refer from* Engineering; Transportation |
| **Robert Bruce,** *king of Scotland* | *Refer from* Bruce, Robert, king of Scotland (s); Patriotism |
| **Roberts,** Marshall Owen | |
| **Robertson,** James | |
| **Robin Hood** | *Refer from* Folklore (s); Legends |
| **Robins** | *Refer from* Birds |
| **Rockhill,** William Woodville | |
| **Rocks** | |
| *See also* Geology; Granite; Minerals; Slate; Stone | *Refer from* Geology; Granite; Minerals; Quarries (s); Stone |
| **Rocky mountains** | |
| *See also* Pike's peak; (The) West | *Refer from* Mountains; (The) West |
| **Rodney,** [George Brydges Rodney,] *baron* | |
| Roentgen rays *see* X rays | |
| **Roland** | *Refer from* Folklore (s); Legends |
| **Roland,** *Mme* [Marie Jeanne (Philipon)] | |
| **Rollo,** *duke of Normandy* | |
| Roman history *see* Rome, Ancient | |
| Roman literature *see* Latin literature—Collections | |
| Roman mythology *see* Myths—Greek and Roman | |
| Romances *see* Arthur, King; Charlemagne romances; Legends | (Page 10) |
| Romania *see* Roumania | |
| **Rome, Ancient** | |
| *See also* Gauls; Punic wars; *also* names of persons, e. g., Cæsar, Julius; Romulus, king of Rome | *Refer from* Gauls; Punic wars |
| **Rome (city)** | |
| *See also* Catacombs; Colosseum; St. Peter's, Rome; Vatican | |
| **Romney,** George | |
| **Romulus,** *king of Rome* | *Refer from* Rome, Ancient |
| **Roosevelt,** Theodore | |
| Roostam *see* Rustem | |
| **Roots** | |
| *See also* Botany; Plants | *Refer from* Flowers; Plants |
| **Rope** | |
| *See also* Cables; Knots | |
| **Rosas,** Juan Manuel de | |
| **Rosecrans,** *Gen.* William Starke | |
| **Roses** | |
| **Rosetta stone** | |
| **Rossini,** Gioacchino Antonio | |
| **Rotterdam** | |
| **Roumania** | *Refer from* Romania (s) |
| Round Table *see* Arthur, King | |
| **Rowing** | |
| *See also* Boats and boating; Canoes and canoeing; Sports | *Refer from* Athletics; Boat racing (s); Boats and boating; Sports |

**Rubber**

*Refer from* Gutta-percha (s); India-rubber (s); Manufactures

**Rubens, Peter Paul**

**Rugs**
*See also* Carpets; House decoration; Weaving

*Refer from* Carpets; Cloth; Handicraft; House decoration; Weaving

Ruins *see* Archaeology
Rulers *see* Kings and rulers
**Rumford,** [Benjamin Thompson,] *count*

*Refer from* Thompson, Sir Benjamin (s)

**Running**
*See also* Athletics; Walking

*Refer from* Athletics; exercise (s); Sports

**Rupert,** *Prince*
**Russell,** William Clark
**Russia**
**——Army**
**——Description and travel**
*See also* Siberia; *also* names of cities, e. g. Moscow
Russo-Turkish war *see* Crimean war
**Rustem**

*Refer from* Sohrab and Rustem (s) Roostam (s)

**Ruyter,** Michel Adriaanszoon de
**Sagas** (Page 11)
*See also* Frithjof; Grettir the Strong; Njals Saga

*Refer from* Folklore (s); Legends; Literature; Myths; Norsemen; Stories (s)

Sagoyewatha *see* Red Jacket, *Indian name* Sagoyewatha
**Sahara desert**

*Refer from* Africa—Description and travel; Deserts

**Sailing**
*See* Boats and boating; Ice boats; Ships; Yachts and yachting
**Sailors**
*See also* Naval life; Sea stories; Ships

*Refer from* Biography; Ocean; Sea stories; Seamen (s); Ships; Voyages

St. Augustine *see* Augustine, St. abp. of Canterbury
**St. Augustine, Fla.**
**St. Bartholomew's day, Massacre of**
*See also* Huguenots

*Refer from* France—History; Huguenots; Massacre of St. Bartholomew (s)

**St. Bernard pass**

*Refer from* Switzerland—Description and travel

St. Boniface *see* Boniface, St.
St. Catharine of Siena *see* Catharine of Siena, St.
St. Christopher *see* Christopher, St.
**St. Clair,** *Gen.* **Arthur**
St. Clotilda *see* Clotilda, St. queen of the Franks
St. Columba *see* Columba, St.
St. Cuthbert *see* Cuthbert, St.
St. Elizabeth of Hungary *see* Elizabeth of Hungary, St.
St. Francis of Assisi *see* Francis of Assisi, St.
St. George *see* George, St.
St. Helena *see* Helena, St.
**St. Helena island**
**St. Lawrence river**
St. Margaret *see* Margaret, queen of Scotland
St. Parick *see* Patrick, St.
**St. Patrick's day**

*Refer from* Days (s); Holidays

St. Paula *see* Paula, St.

| | |
|---|---|
| **St. Paul's cathedral, London** | *Refer from* Cathedrals; London |
| **St. Peter's, Rome** | *Refer from* Cathedrals; Rome (city) |
| **St. Petersburg** | *Refer from* Petrograd (s) |
| **Saint Pierre,** [Jacques Henri] Bernardin de | *Refer from* Bernardin de Saint Pierre, Jacques Henri (s) |
| **St. Sophia mosque** | |
| St. Theresa *see* Theresa, St. | |
| St. Thomas à Becket *see* Thomas à Becket, St. | |
| St. Valentine's day *see* Valentine's day | |
| **St. Vincent** [John Jervis,] *earl* | *Refer from* Jervis, John, earl St. Vincent (s) |
| St. Vincent de Paul *see* Vincent de Paul, St. | |
| St. Xavier *see* Francisco Xavier, St. | |
| **Saints** | |
| *See also* names of saints, e. g. Helena, St.; Paula, St. | *Refer from* Biography; Legends; Religion |
| **Saladin,** *sultan of Egypt and Syria* | |
| **Salt,** *Sir* **Titus** | |
| **Salt** | *Refer from* Geology; Minerals; Mines and mining |
| **Salvador** | |
| **Samoan islands** | |
| **Sandalwood** | |
| Sandwich islands *see* Hawaiian islands | |
| **Saragossa, Siege of, 1808** | |
| **Sardinia** | *Refer from* Italy—Description and travel |
| Sarto, Andrea del *see* Andrea del Sarto | |
| **Savonarola,** Girolamo | |
| **Sawmills** | |
| *See also* Lumbering | *Refer from* Lumbering; Machinery; Trees |
| Saxons *see* Anglo-Saxons | |
| **Scævola,** [C. Mucius] | *Refer from* Mucius, Caius (s) |
| Scandinavia *see* Denmark; Iceland; Norway; Sweden | |
| **Scarlet tanagers** | |
| **Schiller,** Johann[Christoph Friedrich von] | |
| **School gardens** | |
| *See also* Gardens and gardening | *Refer from* Gardens and gardening |
| **School stories** | *Refer from* Boarding school stories (s); College stories (s); Stories (s) |
| **Schools** | |
| *See also* Christ's hospital, London; Colleges; Education | *Refer from* Education; Public schools (s); Teachers |
| **Schubert,** Franz Peter | |
| **Schumann,** Robert | |
| **Schwatka,** Frederick | |
| **Schweinfurth,** Georg August | |
| **Science** (Page 18) | |
| *See also* Astronomy; Botany; Chemistry; Electricity; Evolution; Geography; Geology; Inventions; Minerals; Natural history; Nature; Physical geography; Physics; Scientific recreations; Scientists; Zoology | *Refer from* Discoveries (in science); Natural history; Nature |
| **Scientific recreations** (Page 17) | *Refer from* Amusements; Chemistry; Experiments (s); Physics; Science |
| **Scientists** | |
| *See also* Doctors; Explorers; Inventors; *also* names of scientists, e. g. Audubon, John James | *Refer from* Biography; Science |
| **Scipio,** [Publius Cornelius] | |

| | |
|---|---|
| **Scotland** | |
| **——Description and travel** | |
| *See also* names of cities, e.g. Edinburgh | |
| **Scott,** John, earl of Eldon *see* Eldon, John Scott, earl of | |
| **Scott,** *Sir* Walter | |
| **Scott,** *Gen.* Winfield | |
| Scouts and scouting *see* Boy scouts | |
| Screws *see* Nails and screws | |
| **Sculptors** | |
| *See also* Artists; *also* names of sculptors, e. g. Michael Angelo | *Refer from* Artists; Biography; Sculpture |
| **Sculpture** | |
| *See also* Art; Clay modeling; Liberty, Statue of; Sculptors; Wood carving | *Refer from* Art; Carving; (s); Modeling (s); Statues (s) |
| Sea *see* Ocean | |
| **Sea anemones** | *Refer from* Ocean life |
| Sea fights *see* Naval battles | |
| Sea lions *see* Seals (animals) | |
| **Sea stories** | |
| *See also* Naval life; Pirates; Sailors; Shipwrecks | *Refer from* Adventure; Naval life; Ocean; Sailors; Stories (s) |
| **Sea urchins** | *Refer from* Ocean life |
| **Seals (animals)** | *Refer from* Furs; Ocean life; Sea lions (s) |
| Seamen *see* Sailors | |
| **Seashore** | |
| *See also* Ocean; Ocean life | *Refer from* Ocean life; Physical geography |
| **Seasons** | |
| *See also* Autumn; Spring; Summer; Weather; Winter | *Refer from* Astronomy; Autumn; Climate; Nature; Spring; Summer; Weather; Winter |
| **Seattle,** *last great chief of Washington* | |
| Seaweeds *see* Ocean life | |
| **Seeds** | |
| *See also* Botany; Plants | *Refer from* Botany; Farming; Gardens and gardening; Plants |
| **——Distribution** | |
| **Self-control** | *Refer from* Character; Ethical stories |
| **Selfishness** | *Refer from* Character; Ethical stories |
| **Semiramis,** *queen of Assyria* | |
| **Seneca,** Lucius Annæus | |
| Sequoyah *see* Guess, George, *Indian name* Sequoyah | |
| Serapis (ship) *see* Bon Homme Richard and Serapis (ships) | |
| Serpents *see* Snakes | |
| **Sertorius** | |
| **Servia** | |
| *See also* Balkan states | *Refer from* Balkan states |
| **Service** | *Refer from* Character; Ethical stories |
| **Seven sleepers of Ephesus** | |
| **Seven wonders of the world** | *Refer from* Wonders of the world (s) |
| **Seven years' war, 1756-63** | *Refer from* France—History; French and Indian war, 1755-63 |
| **Sevier,** John | |
| **Seville** | |
| **Seward,** William H[enry] | |
| **Sewing** | |
| *See also* Beadwork; Crocheting; Drawn work; Dressmaking; Embroidery; Knitting; Lace; Tapestry | *Refer from* Art; Dressmaking; Embroidery; Fancy work (s); Handicraft; Needlework (s) |

| | |
|---|---|
| **Sewing machines** | |
| *See also* Howe, Elias | *Refer from* Machinery |
| **Shadow pictures** | |
| *See also* Pantomime | *Refer from* Pantomime; Plays |
| **Shadows** | |
| **Shakespeare,** William | |
| **Shamrock** | |
| **Sharks** | |
| **Shaw,** Robert Gould | |
| **Sheep** | |
| *See also* Wool | *Refer from* Farming; Wool |
| **Shelley,** Percy Bysshe | |
| **Shells** | *Refer from* Mollusks (s) |
| **Sheridan,** *Gen.* Philip Henry | *Refer from* Soldiers |
| **Sheridan's ride** | |
| **Sherman,** *Gen.* William Tecumseh | |
| **Sherman's march** | |
| **Shetland islands** | |
| **Shipbuilding** | |
| *See also* Armor plate; Boats and boating; Yachts and yachting | *Refer from* Industries; Navies(s); Steamboats |
| **Ships** | |
| *See also* Boats and boating; Ice boats; Lightships; Naval life; Sailors; Steamboats; Sumbarine boats; Torpedo boats; Warships; Yachts and yachting | *Refer from* Boats and boating; Fleets (s); Naval life; Ocean; Sailing (s); Sailors; Transportation |
| **Shipwrecks** | |
| *See also* Life-saving | *Refer from* Accidents; Adventure; Disasters (s); Life-saving; Ocean; Sea stories; Wrecks (s) |
| **Shoes** | *Refer from* Boots (s); Clothing; Costume; Leather; Manufactures |
| Shooting *see* Guns; Hunting; Sports | |
| Shooting stars *see* Meteors | |
| Shore, John, baron Teignmouth *see* Teignmouth, John Shore, baron | |
| **Shorthand** | *Refer from* Business; Stenography (s); Writing |
| Shotguns *see* Guns | |
| **Shovel,** *Sir* Cloudesley | |
| **Shrimps** | |
| **Siam** | |
| **Siberia** | *Refer from* Russia—Description and travel |
| **Sicilian vespers** | |
| **Sicily** | *Refer from* Italy—Description and travel |
| **Siddons,** *Mrs* Sarah (Kemble) | |
| **Sidney,** Algernon | |
| **Sidney,** *Sir* Philip | |
| **Siegfried** | *Refer from* Folklore (s); Germany—Folklore; Legends |
| **Signals** | |
| *See also* Buoys; Flags; Lighthouses; Lightships; Telegraph; Wireless telegraphy | *Refer from* Armies (s) |
| **Silk** | |
| *See also* Silkworms | *Refer from* Cloth |
| **Silkworms** | *Refer from* Cocoons (s); Moths; Silk; Worms; |
| **Silver** | |
| *See also* Coins; Metals; Mines and mining; Money | *Refer from* Mines and mining |
| Simon de Montfort *see* Montfort, Simon de, earl of Leicester | |

| | |
|---|---|
| **Singapore** | |
| Singers *see* Musicians, *also* names of Singers, e.g. Lind, Jenny | |
| Singing *see* Hymns; Music; Songs | |
| Sister Dora *see* Pattison, Dorothy Wyndlow | |
| **Sitting Bull,** *great medicine chief of the Sioux* | |
| **Skating** | |
| *See also* Hockey | *Refer from* Amusements; Athletics; Ice; Sports; Winter sports (s) |
| Skees *see* Snowshoes | |
| **Skilfulness** | |
| Skis *see* Snowshoes | |
| **Skunks** | |
| **Sky** | |
| *See also* Astronomy; Aurora Borealis; Clouds; Stars; Weather | *Refer from* Astronomy; Clouds |
| **Slate** | *Refer from* Rocks; Stone |
| **Slavery** | |
| *See also* Civil war, United States; Negroes; (The) South | *Refer from* Abolition of slavery (s); Antislavery (s); Colored people (s); Government; History; Negroes; (The) South; Underground railroad (s) |
| **Sleds** | |
| **Sleep** | *Refer from* Hygiene; Physiology |
| Sleight of hand *see* Magic | |
| Smelting *see* Metals | |
| **Smith,** Adam | |
| **Smith,** [Francis] Hopkinson | |
| **Smith,** *Capt.* John | |
| Smoking *see* Tobacco | |
| **Smuggling** | *Refer from* Commerce |
| **Snails** | |
| **Snakes** | |
| *See also* Reptiles | *Refer from* Reptiles; Serpents (s); Zoology |
| **Snow** | *Refer from* Frost; Storms; Water; Weather |
| **Snowshoes** | *Refer from* Skees (s); Skis (s); Sports; Winter sports (s) |
| **Soap** | *Refer from* Manufactures |
| **Soap bubbles** | *Refer from* Amusements; Physics |
| **Society islands** | |
| **Socrates** | |
| Sohrab and Rustem *see* Rustem | |
| **Soils** | |
| *See also* Farming; Gardens and gardening | *Refer from* Farming; Geology |
| **Solar engines** | *Refer from* Engines; Heat; Sun |
| Solar system *see* Astronomy; Planets; Sun | |
| **Soldiers** | |
| *See also* Army life; Battles; Naval life; United States—Army; West Point Military Academy; *also* names of soldiers, e. g. Sheridan, Gen. Philip Henry | *Refer from* Armies (s); Army life; Biography |
| **Solomon islands** | |
| **Solon** | |
| **Somers,** Richard | |
| **Somerset,** *Lady* Isabel | |
| **Songs** (Page 16) | |
| *See also* Ballads; Christmas—Songs; College songs; Folk songs; Hymns | *Refer from* Ballads; Carols (s); Folk songs; Hymns; Music; National songs (s); Patriotic songs (s); Poetry—Collections; Singing (s); War songs (s) |

**Soto,** Hernando de — *Refer from* De Soto, Hernando (s)
Soudan *see* Sudan
**Sound**
*See also* Music; Phonograph; Physics; Telephone — *Refer from* Physics
**(The) South**
*See also* Ku-Klux Klan; Negroes; Slavery; *also* names of Southern states, e. g. Florida, Georgia — *Refer from* Slavery
South Africa *see* Africa, South
South African war, 1899-1902 *see* Boer war, 1899-1902
**South America** — *Refer from* America (s)
**——Description and travel**
*See also* Amazon river; Andes mountains; *also* names of countries, e. g. Brazil, Chile
South pole *see* Antarctic regions
**Southey,** Robert
Spagnoletto, José Ribera, *called see* Ribera, Jusepe, *called* Spagnoletto
**Spain**
**——Description and travel**
*See also* Alhambra; Balearic isles; Escorial; Gibraltar; *also* names of cities, e. g. Toledo — *Refer from* Travel
**——History**
*See also* (The) Cid; Inquisition; Moors; Spanish-American war, 1898; Spanish armada, 1588 — *Refer from* Spanish armada, 1588
**Spanish-American war, 1898**
*See also* Cuba; Philippine islands — *Refer from* Cuba; Cuban war (s); Spain—History; United States—History; United States—History—Spanish-American war (s)
**Spanish armada, 1588**
*See also* England—History; Spain—History — *Refer from* Armada, 1588 (s); England—History; Naval battles; Navies (s); Spain—History
**Spanish succession, War of, 1701-14** — *Refer from* France—History; Germany—History; War of the Spanish succession (s)
**Sparrows** — *Refer from* Birds
Speakers *see* Readers and speakers
Speeches *see* Orations; Readers and speakers
**Speke, John Hanning**
**Spenser, Edmund**
**Sphinx** — *Refer from* Archaeology; Egypt—Description and travel
**Spices** — *Refer from* Cinnamon (s); Cloves (s); Ginger (s); Nutmeg (s); Pepper (s)
**Spiders**
**Spinning**
*See also* Cloth — *Refer from* Cloth
**Spinoza,** Benedictus de
Spitzbergen
**Sponges** — *Refer from* Ocean life
**Spool knitting** — *Refer from* Knitting
**Sports** (Page 17)
*See also* Aeroplanes; Amusements; Archery; Athletics; Automobiles; Balloons; Baseball; Basket-ball; Bicycles and bicycling; Boats and boating; Boy — *Refer from* Adventure; Amusements; Athletics; College athletics (s); Country life; Games; Hunting; Olympic games; Outdoor life; Physical education; Play (s);

| | |
|---|---|
| **Sports**—Continued scouts; Bullfights; Camping; Canoes and canoeing; Diving; Falconry; Fencing; Fishing; Football; Games; Golf; Hockey; Horizontal bar; Hunting; Ice boats; Kites; Motor cycles; Olympic games; Outdoor life; Physical education; Riding; Rowing; Running; Skating; Snowshoes; Swimming; Tennis; Toboggans; Tracking; Walking; Yachts and Yachting | Recreations (s); Rowing; Shooting (s); Winter sports (s) |
| **Spring** *See also* Seasons | *Refer from* Seasons |
| **Springs** *See also* Geysers | *Refer from* Geology; Geysers; Physical geography; Water; Water supply |
| **Spurgeon,** Charles Haddon | |
| Squids, *see* Cuttlefish | |
| **Squirrels** | |
| **Staël,** *Mme* de [Staël-Holstein, Anne Louise Germaine (Necker), *baronne* de] | *Refer from* Holstein, Anne Louise Germaine (Necker), baronne de Staël (s) |
| **Stage-coaches** | *Refer from* Coaches and coaching (s); Riding; Transportation |
| **Stamp act, 1765** *See also* American revolution; Colonial period, United States | *Refer from* American revolution; Colonial period, United States |
| **Stamps** | *Refer from* Collectors and collecting; Mail service; Postage stamps (s) |
| **Standish,** Miles | *Refer from* Pilgrim fathers; Plymouth |
| **Stanford,** Leland | |
| **Stanley,** *Sir* Henry M[orton] | *Refer from* Africa—Exploration |
| Stanton, Mrs Elizabeth (Cady) | |
| **Starfish** | *Refer from* Ocean life |
| **Stark,** *Gen.* John | |
| **Stars** *See also* Astronomy; Meteors; Planets. | *Refer from* Astronomy; Planets; Sky |
| **Statesmen** *See also* names of statesmen, e. g. Clay, Henry | *Refer from* Biography; Government |
| Statues *see* Liberty, Statue of; Sculpture | |
| **Steam** *See also* Heating | *Refer from* Heating; Physics; Vapor (s); Water |
| **Steam engines** *See also* Locomotives; Watt, James | *Refer from* Engineering; Engines; Locomotives; Machinery; Mechanics; Railroads |
| **Steamboats** *See also* Fulton, Robert; Shipbuilding; Warships; Yachts and yachting | *Refer from* Boats and boating; Ships; Transportation |
| **Stedman,** Edmund Clarence | |
| **Steel** *See also* Armor plate; Bessemer, Sir Henry; Cutlery; Iron; Swords; Tools | *Refer from* Iron; Manufactures |
| **Steele,** *Sir* Richard | *Refer from* Bickerstaff, Isaac, Esq., pseud. (s) |
| **Stencil work** | *Refer from* Art; Handicraft |
| Stenography *see* Shorthand | |
| **Stephen of Cloyes** | |
| **Stephens,** Alexander Hamilton | |
| **Stephenson,** George | |
| **Stephenson,** Robert | |
| Stereopticons *see* Magic lanterns | |
| **Stevenson,** Robert Louis | |

| | |
|---|---|
| **Stewart,** Alexander Turney | |
| **Stewart,** *Admiral* Charles | |
| **Stilts** | |
| **Stockholm** | *Refer from* Sweden—Description and travel |
| **Stockton,** Frank Richard | |
| **Stoddard,** Richard Henry | |
| **Stone,** Lucy | |
| **Stone**<br>*See also* Geology; Granite; Marble; Masonry; Precious stones; Rocks; Slate | *Refer from* Geology; Granite; Masonry; Rocks. |
| **Stone age**<br>*See also* Archaeology; Man — Prehistoric | *Refer from* Archaeology; Man—Prehistoric |
| Stores *see* Business | |
| Stories *see* Adventure; Bible stories; Ethical stories; Fables; Fairy tales; Ghost stories; Legends; Myths; Sagas; School stories; Sea stories; *also* various subjects, places and events, subhead Stories, e. g., Flowers — Stories; England — Stories; Hastings, Battle of — Stories | (Page 8) |
| **Storks** | |
| **Storms**<br>*See also* Barometer; Rain; Snow; Weather; Winds | *Refer from* Cyclones (s); Hurricanes (s); Physical geography; Rain; Thunderstorms (s); Tornadoes (s); Weather; Winds |
| **Stoves**<br>*See also* Heating | *Refer from* Heating |
| **Stowe,** *Mrs* Harriet (Beecher) | |
| **Strafford,** [Thomas Wentworth], *earl of* | *Refer from* Wentworth, Thomas, earl of Strafford (s) |
| **Strasburg** | |
| **Stratford-on-Avon** | *Refer from* England — Description and travel |
| **Strawberries** | |
| **Street cleaning** | *Refer from* Cities; Hygiene, Public; Roads |
| **Street railroads**<br>*See also* Electric railroads | *Refer from* Cities; Electric railroads; Railroads; Roads; Transportation |
| **Stuart,** *Lady* Arabella | |
| **Stuart,** Charles Edward, *the Young Pretender* | *Refer from* Charles Edward Stuart, the Young Pretender (s); Young Pretender (s) |
| **Stuart,** *Gen.* James Ewell Brown | |
| **Stuart,** *Mrs* Ruth (McEnery) | |
| Stuffing of animals and birds *see* Taxidermy | |
| **Stuyvesant,** Peter | |
| **Submarine boats**<br>*See also* Torpedo boats | *Refer from* Boats and boating; Naval battles; Navies (s); Ships; Torpedo boats; Warships |
| Submarine cables *see* Atlantic cable; Cables | |
| **Success**<br>*See also* Ambition; Business; Character; Conduct; Occupations, Choice of | *Refer from* Business; Commerce; Wealth |
| **Sudan** | *Refer from* Soudan (s) |
| **Suez canal** | *Refer from* Canals |
| **Suffren Saint Tropez,** Pierre André de | |

| | |
|---|---|
| **Sugar** | |
| *See also* Beet sugar; Candy; Maple sugar | *Refer from* Beet sugar; Farming |
| **Sulla,** [Lucius Cornelius] | *Refer from* Sylla (s) |
| **Sumach** | |
| **Sumatra** | *Refer from* East Indies |
| **Summer** | |
| *See also* Seasons | *Refer from* Seasons |
| **Sumner,** Charles | |
| **Sun** | |
| *See also* Astronomy; Eclipses; Solar engines | *Refer from* Astronomy; Eclipses; Heat; Light; Solar system (s) |
| **Sundials** | |
| **Sunflowers** | |
| Surgeons *see* Doctors | |
| **Surrey,** [Henry Howard,] *earl of* | *Refer from* Howard, Henry, earl of Surrey (s) |
| Surrey, Thomas Howard, earl of *see* Norfolk, Thomas Howard, duke of | |
| **Surveying** | |
| *See also* Engineering | *Refer from* Civil engineering (s); Engineering |
| Suspension bridges *see* Bridges; Brooklyn bridge | |
| **Swallows** | |
| **Swans** | |
| **Sweden** | *Refer from* Scandinavia (s) |
| **——Description and travel** | |
| *See also* names of cities, e. g., Stockholm | |
| **Sweyn,** *king of Denmark* | |
| **Swift,** Jonathan, [*dean*] | |
| **Swimming** | |
| *See also* Baths and bathing; Diving | *Refer from* Athletics; Baths and bathing, Sports |
| Swine *see* Pigs | |
| **Switzerland** | |
| **——Description and travel** | |
| *See also* Alps mountains; St. Bernard pass; *also* names of cities, e. g. Geneva | |
| **Swords** | |
| *See also* Arms and armor; Fencing | *Refer from* Arms and armor; Cutlery; Steel; Weapons |
| Sylla *see* Sulla, Lucius Cornelius | |
| **Syria** | |
| **Tableaux** | |
| *See also* Charades; Pageants; Pantomime; Plays | *Refer from* Actors and acting; Amusements; Charades; Drama; Pantomime; Plays |
| **Taft,** William Howard | |
| **Tahiti** | |
| **Tahoe, Lake** | |
| **Taj Mahal** | *Refer from* Tombs |
| Talking machines *see* Phonograph | |
| **Talmud** | *Refer from* Jews |
| Tamate *see* Chalmers, James | |
| **Tamerlane** | |
| **Tancred** | |
| **Tangier** | |
| **Tannhäuser** | |
| **Tanning** | |
| *See also* Industries; Leather | *Refer from* Industries; Leather |

| | |
|---|---|
| **Tapestry** | *Refer from* Art; Cloth; House decoration; Needlework (s); Sewing |
| **Tartars**<br>*See also* China—History; Manchuria | |
| **Tasmania** | |
| **Taxation** | *Refer from* Government; United States—Government |
| **Taxidermy** | *Refer from* Animals; Birds; Natural history; Stuffing of animals and birds (s); Zoology |
| **Taylor,** Bayard | |
| **——Birthday exercises** | |
| **Taylor,** Zachary | |
| **Tea** | |
| **Teachers**<br>*See also* Education; Schools; Teaching | *Refer from* Biography; Education; Teaching |
| **Teaching**<br>*See also* Education; Teachers | *Refer from* Education; Teachers |
| **Tecumseh,** *Indian chief* | |
| **Teignmouth,** [John Shore] *baron* | *Refer from* Shore, John, baron Teignmouth (s) |
| **Telautograph** | *Refer from* Electric engineering; Telegraph |
| **Telegraph**<br>*See also* Atlantic cable; Cables; Inventions; Morse, Samuel Finley Breese; Telautograph; Wireless telegraphy | *Refer from* Discoveries (in science); Electric engineering; Electricity; Signals |
| **Telephone** | *Refer from* Discoveries (in science); Electric engineering; Electricity; Sound |
| **Telescope** | *Refer from* Astronomy |
| **Tell,** William | *Refer from* Folklore (s); Legends |
| **Temperance** | *Refer from* Character; Ethical stories; Hygiene; Intemperance (s) |
| Temperature *see* Climate; Weather | |
| **Temples** | *Refer from* Archaeology |
| **Tennessee** | *Refer from* United States—History |
| **Tennis** | *Refer from* Games; Lawn tennis (s); Sports |
| **Tennyson,** Alfred, *lord* | |
| **Tents**<br>*See also* Camping | *Refer from* Camping |
| Teresa, St. *see* Theresa, St. | |
| **Texas** | |
| Textile fabrics *see* Cloth | |
| **Thackeray,** William Makepeace | |
| **Thanksgiving day** (Page 16) | *Refer from* Anniversaries (s); Colonial period, United States; Days (s); Festivals (s); Holidays; Pilgrim fathers; United States—Manners and customs |
| **Thaxter,** *Mrs* Celia [(Laighton)] | |
| Theater *see* Actors and acting; Drama: Miracle plays; Moving pictures; Operettas; Plays | |
| Theatricals, Amateur *see* Plays | |
| **Themistocles** | |
| **Theodoric the Great,** *king of the Ostrogoths* | *Refer from* Goths |
| **Theodosius the Great,** *emperor of Rome* | |
| **Theresa, St.** | *Refer from* Teresa, St. (s); St. Theresa (s) |
| **Thermometer**<br>*See also* Barometer | *Refer from* Heat; Physics; Weather |

| | |
|---|---|
| **Thermopylæ, Battle of, 480 B. C.** | |
| **Theseus** | *Refer from* Myths |
| Thibet *see* Tibet | |
| **Thirty years' war, 1618-48** | |
| *See also* Europe—History; Germany—History | *Refer from* Europe—History; Germany—History; Reformation |
| **Thomas à Becket, St.** | *Refer from* À Becket, St. Thomas (s); Becket, St. Thomas à (s); St. Thomas à Becket (s) |
| **Thomas,** *Gen.* George Henry | |
| Thompson, Sir Benjamin *see* Rumford, Benjamin Thompson, *count* | |
| **Thomson,** Joseph | |
| **Thoreau,** Henry David | |
| **——Birthday exercises** | |
| **Thoroughness** | *Refer from* Character; Ethical stories |
| **Thorvaldsen,** Albert Bertel | |
| **Thoughtfulness** | *Refer from* Character; Ethical stories |
| **Thrushes** | |
| Thunderstorms *see* Storms | |
| **Tiberius,** *emperor of Rome* | |
| **Tibet** | *Refer from* China—Description and travel; Thibet (s) |
| **Tidal waves** | |
| **Tides** | |
| *See also* Astronomy; Moon; Ocean; Physical geography | *Refer from* Astronomy; Moon; Ocean; Physical geography |
| **Tierra del Fuego** | |
| **Tiffany,** Charles Lewis | |
| **Tigers** | |
| Timber *see* Forestry; Lumbering; Trees; Wood. | |
| **Timbuctoo** | |
| **Timoleon** | |
| **Tin** | |
| *See also* Metals | *Refer from* Manufactures |
| **Titcomb,** Timothy, *pseud. see* Holland, Josiah Gilbert | |
| **Titian** | |
| **Titicaca, Lake** | |
| **Titus,** *emperor of Rome* | |
| **Toads** | |
| Toadstools *see* Mushrooms | |
| **Tobacco** | *Refer from* Farming; Smoking (s) |
| **Toboggans** | *Refer from* Sports; Winter sports (s) |
| **Toledo, Spain** | *Refer from* Spain—Description and travel |
| **Tolstoï,** [Lyof Nikolaïevitch,] *count* | |
| **Tombs** | |
| *See also* Catacombs; Mound builders; Pyramids; Taj Mahal | *Refer from* Archaeology |
| **Tonti,** Henri de | |
| **Tools** | |
| *See also* Carpentry; Lathes; Machinery; Nails and screws | *Refer from* Carpentry; Handicraft; Industries; Machinery; Steel |
| **Tops** | *Refer from* Toys |
| Tornadoes *see* Storms | |
| **Torpedo boats** | |
| *See also* Submarine boats; Warships | *Refer from* Boats and boating; Naval battles; Navies (s); Ships; Submarine boats; Warships |
| **Torpedoes** | *Refer from* Armies (s); Explosives |
| **Tours, Battle of, 732** | |
| **Tourville,** [Anne Hilarion de Cotentin,] *comte* de | |

| | |
|---|---|
| **Toussaint L'Ouverture,** François Dominique | |
| **Tower of London** | *Refer from* London |
| **Toys** | |
| *See also* Amusements; Dolls; Electric toys; Games; Kites; Tops | *Refer from* Amusements; Games; Handicraft; Mechanical toys (s) |
| Track athletics *see* Athletics | |
| **Tracking** | *Refer from* Hunting; Sports; Trailing (s) |
| Trade *see* Business; Commerce | |
| Trades *see* Business; Occupations, Choice of; Industries; *also* names of industries, e. g. Blacksmithing, Carpentry | |
| **Trafalgar, Battle of, 1805** | |
| Trailing *see* Tracking | |
| Trailing arbutus *see* Arbutus | |
| Train stories *see* Railroads—Stories | |
| Trained nurses *see* Nurses and nursing | |
| **Trajan,** *emperor of Rome* | |
| **Transportation** | |
| *See also* Aeroplanes; Automobiles; Canals; Commerce; Electric railroads; Harbors; Mail service; Railroads; Rivers; Roads; Ships; Stage-coaches; Steamboats; Street railroads | *Refer from* Commerce; Railroads; Travel, Means of (s) |
| **Trapping** | |
| *See also* Furs; Hunting | *Refer from* Furs; Hunting |
| **Travel** (Page 22) | |
| *See also* Explorers; Voyages; *also* names of countries, subhead Description and travel, e. g. Spain—Description and travel | *Refer from* Adventure; Description and travel (s); Explorers; Geography; Voyages |
| Travel, Means of *see* **Transportation** | |
| **Tree houses** | *Refer from* Houses |
| **Trees** | |
| *See also* Arbor day; Big trees; Botany; Forestry; Fruit; Leaves; Lumbering; Nuts and nutting; Sawmills; Wood; *also* names of trees, e.g. Birch trees, Maple trees | *Refer from* Arbor day; Botany; Evergreens (s); Forestry; Leaves; Lumbering; Natural history; Nature; Plants; Timber (s); Wood |
| Trenck, [Friedrich,] *baron* von der | |
| **Trenton, Battle of, 1776** | |
| **Tricks and puzzles** | |
| *See also* Charades; Magic; Riddles | *Refer from* Amusements; Charades; Conjuring (s); Magic; Puzzles (s); Riddles |
| **Trinidad** | *Refer from* West Indies |
| **Tripoli** | |
| **Tristan and Isolde** | *Refer from* Isolde (s) |
| **Trojan war** (Page 9) | |
| *See also* Greece, Ancient; Troy; Ulysses | *Refer from* Agamemnon, king of Mycenæ; Heroes and heroism; Troy; Ulysses |
| **Tromp,** Martin Harpertzoon | |
| **Tropics** | *Refer from* Geography; Physical geography |
| **Trowbridge,** John Townsend | |
| **Troy** | |
| *See also* Trojan war | *Refer from* Trojan war |
| **Truth** | |
| **Truthfulness** | *Refer from* Character; Ethical stories |
| **Truxtun,** Thomas | |
| **Tulips** | |
| **Tunis** | |
| **Tunnels** | |
| *See also* Engineering; Hoosac tunnel; | *Refer from* Engineering; Railroads |

| | |
|---|---|
| Tunnels—Continued<br>Mines and mining | |
| **Turbines**<br>*See also* Water wheels | *Refer from* Engines |
| **Turkey**<br>**——Description and travel** | *Refer from* Levant |
| **Turkeys**<br>*See also* Poultry | *Refer from* Poultry |
| **Turner,** Joseph Mallord William | |
| Turning *see* Carpentry; Lathes | |
| **Turpentine** | |
| **Turtles** | *Refer from* Mud turtles (s) |
| **Twain,** Mark, (*pseud.* [*of* Samuel Langhorne Clemens]) | *Refer from* Clemens, Samuel Langhorne (s) |
| **Twelfth night** | *Refer from* Days (s); Holidays |
| Tycho Brahe *see* Brahe, Tycho | |
| **Tyler,** John | |
| **Tyler,** Wat | |
| **Tyndall,** John | |
| Type *see* Printing | |
| Typewriter *see* Typewriting | |
| **Typewriting** | *Refer from* Business; Typewriter (s); Writing |
| **Tyrol** | |
| **Uganda** | |
| **Ulysses**<br>*See also* Trojan war | *Refer from* Odysseus (s); Trojan war |
| Uncle Remus, *pseud. see* Harris, Joel Chandler | |
| Underground railroad *see* Slavery | |
| **United States** (Page 21)<br>*Note: Libraries desiring to keep all material together under United States, should follow headings given on p. 113.* | *Refer from* America (s) |
| **——Army**<br>*See also* Army life; United States—Navy; West Point Military Academy | *Refer from* Armies (s); Army, United States (s); Soldiers |
| ——Biography *see* Biography; Presidents; *also* names of individuals. | |
| ——Colonial period *see* Colonial period, United States | |
| ——Constitution *see* Constitution of the United States | |
| ——Consular service *see* Consular service | |
| **——Description and travel**<br>*See also* Mount Vernon; Niagara falls; Yellowstone national park; Yosemite valley; *also* names of states, cities and regions, e.g. Tennessee, Boston, (The) West | *Refer from* Description and travel (s); United States—Travel (s) |
| **——Exploration** (Page 22)<br>*See also* Lewis and Clark expedition; Mississippi valley; North America—Discovery and settlement; Northwest Territory; *also* names of explorers, e.g. Frémont, Gen. John Charles | *Refer from* Explorers; United States—History |
| ——Fisheries bureau *see* Fish; Fishing | |
| ——Forest service *see* Forestry | |
| **——Government**<br>*See also* Civic readers; Constitution of the United States: Mail service; Presidents; Taxation; Voting | *Refer from* Citizenship; Civil government (s); Congress, United States (s); Constitution of the United States; Government; Government service; Law; United States—Politics (s) |

United States—Continued
——**History**
*See also* American revolution; Civil war, United States; Colonial period, United States; Declaration of independence; Indians of America; Louisiana purchase; Mexican war, 1846-48; New England; Northwest Territory, United States; Spanish-American war, 1898; United States—Exploration; War of 1812; *also* names of states, e.g. Tennessee
———Civil war *see* Civil war, United States
———Colonial period *see* Colonial period, United States
———Discovery *see* North America—Discovery and settlement
———French and Indian war *see* French and Indian war, 1755-63
———Mexican war *see* Mexican war, 1846-48
———Revolution *see* American revolution
———Spanish-American war *see* Spanish-American war, 1898
———War of 1812 *see* War of 1812
——Industries *see* Industries
——**Manners and customs**
*See also* Colonial period, United States; Manners and customs; Independence day; Memorial day; Thanksgiving day
——Military Academy *see* West Point Military Academy
——Mint *see* Mints
——**Navy**
*See also* Naval battles; Naval life; *also* names of vessels, e.g. Merrimac (ship)
——Politics *see* United States—Government
——Presidents *see* Presidents
——Travel *see* United States—Description and travel

*Refer from* American history (s); American revolution; Indians of America

*Refer from* Naval battles; Naval life; Navies (s); United States—Army

**United States Naval Academy, Annapolis**

*Refer from* Annapolis, United States Naval Academy (s); Naval life

United States, Naval War College, Newport, R. I. *see* Naval War College, Newport, R. I.
**Unselfishness**

*Refer from* Character; Ethical stories

**Uruguay**
Useful arts *see* Handicraft; Industries; Manufactures

(Page 19)

**Usefulness**

*Refer from* Character; Ethical stories

Vaca, Alvarez Nuñez Cabeça de *see* Nuñez Cabeça de Vaca, Alvarez
**Valentine's day**

*Refer from* Days (s); Holidays; St. Valentine's day (s)

**Valerius,** Publius
Valor *see* Courage; Heroes and heroism
**Van Buren,** Martin
**Vandals**
**Vanderbilt,** Cornelius, *called* Commodore
**Van Dyck,** Anton
**Vane,** *Sir* Harry
Van Eyck, Hubert *see* Eyck, Hubert van

**Van Rensselaer,** Stephen
Vapor *see* Evaporation; Steam
Vasco da Gama *see* Gama, Vasco da
Vasquez de Coronado, Francisco *see* Coronado, Francisco Vasquez de
Vassals *see* Feudal system
**Vatican** — *Refer from* Rome (city)
**Vegetables**
*See also* Cooking; Gardens and gardening; Markets; Potatoes — *Refer from* Farming; Food; Gardens and gardening; Potatoes
**Velasquez,** [Diego Rodriguez de Silva y]
**Venezuela**
**Venice** — *Refer from* Italy—Description and travel
**Ventriloquism** — *Refer from* Amusements
**Venus of Milo**
**Verchères,** Mary Madeleine de
**Vermont**
**Vernet,** Horace
**Verrazzano,** Giovanni da
**Vespasian,** *emperor of Rome*
**Vespucci,** Amerigo
**Vesuvius, Mount** — *Refer from* Italy—Description and travel; Volcanoes
**Victoria,** *queen of England*
**Victoria cross**
**Victoria falls**
**Victoria, Lake** — *Refer from* Lakes
**Vienna** — *Refer from* Austria-Hungary — Description and travel
Vikings *see* Norsemen
**Vincent de Paul, St.** — *Refer from* St. Vincent de Paul (s)
Vinci, Leonardo da *see* Leonardo da Vinci
**Virgil**
**Virginia,** *Roman maiden*
**Virginia (state)**
**Volcanoes**
*See also* Earthquakes; Etna, Mount; Geology; Kilauea; Physical geography; Popocatepetl; Vesuvius, Mount — *Refer from* Earth; Geology; Lava (s); Mountains; Physical geography
**Voltaire,** [François Marie Arouet de]
**Voting**
*See also* Citizenship — *Refer from* Government; United States—Government
**Voyages** (Page 22)
*See also* Adventure; Antarctic regions; Arctic regions; Explorers; Geography; Pirates; Sailors; Travel; Whales and whaling — *Refer from* Adventure; Description and travel (s); Discoveries (in geography) (s); Explorers; Geography; Naval life; Ocean; Travel
**Vultures**
**Wagner, Richard** — *Refer from* Musicians
——Stories from his operas *see* Operas, Stories from
**Waldenses**
**Wales**
**Walking** — *Refer from* Athletics; Exercise (s); Outdoor life; Running; Sports
**Wall of China** — *Refer from* China, Wall of (s); Great wall of China (s)
**Wallace,** *Sir* William
**Wallenstein**
**Walnut trees**
**Walrus** — *Refer from* Ocean life
**Walton,** Izaak
**Wampum** — *Refer from* Indians of America; Money

**Wandering Jew** — *Refer from* Folklore (s); Legends

**War** (Page 22) — *Refer from* Fighting (s)

*See also* Battles; Naval battles; Peace; *also* names of wars, e.g. Civil war, United States; Franco-German war, 1870-71

——Stories *see* names of special wars, e.g. Civil war, United States—Stories, Crimean war—Stories

**War games** — *Refer from* Games

**War of 1812** — *Refer from* United States — History; United States—History—War of 1812 (s)

*See also* Erie, Lake, Battle of, 1813; *also* names of naval and military commanders, e.g. Perry, Oliver Hazard, commodore; McDonough, Thomas; Jackson, Andrew

War of the Spanish succession *see* Spanish succession, War of, 1701-14

War songs *see* Songs

**Warbeck**, Perkin

**Ward**, *Mrs* Elizabeth Stuart (Phelps) — *Refer from* Phelps, Elizabeth Stuart (s)

**Warner**, Charles Dudley

**Warships** — *Refer from* Armor plate; Armored vessels (s); Battle-ships (s); Fleets (s); Ironclads (s); Naval battles; Navies (s); Ships; Steamboats; Torpedo boats

*See also* Armor plate; Naval battles; Submarine boats; Torpedo boats; *also* names of individual ships, e.g. Albemarle (ship), Constitution (ship)

**Warwick**, [Richard Neville], *earl of* — *Refer from* Neville, Richard, earl of Warwick (s); (The) King-maker (s)

**Warwick castle** — *Refer from* Castles

**Washington**, Booker T[aliaferro]

**Washington**, George

*See also* Mount Vernon

**Washington**, *Mrs* Mary [(Ball)]

**Washington, D. C.**

**Washington's birthday** (Page 16) — *Refer from* Birthdays (s); Days (s); Holidays

**Wasp (ship)**

**Wasps**

Watches *see* Clocks and watches

**Water** — *Refer from* Ice; Physical geography; Physics; Water supply

*See also* Dew; Frost; Geysers; Ice; Physical geography; Rain; Rivers; Snow; Springs; Steam

Water color painting *see* Painting

**Water lilies**

**Water power** — *Refer from* Hydraulic engineering (s); Rivers

**Water supply** — *Refer from* Dams; Engineering; Hygiene, Public; Pumps; Rivers; Water works (s)

*See also* Aqueducts; Artesian wells; Canals; Dams; Lakes; Pumps; Rivers; Springs; Water

**Water wheels** — *Refer from* Machinery; Turbines; Wheels (s)

Water works *see* Water supply

**Waterloo, Battle of, 1815** — *Refer from* France—History; Napoleon I, emperor of the French

**Watt**, James — *Refer from* Steam engines

**Waves** — *Refer from* Ocean; Physical geography; Physics

**Wax flowers** — *Refer from* Artificial flowers (s); Flowers; Flowers (artificial) (s)

**Wayland the Smith** — *Refer from* Folklore (s); Legends

**Wayne**, *Gen.* Anthony

**Wealth**
*See also* Banks and banking; Business; Money; Success — *Refer from* Business; Money

**Weapons**
*See also* Arms and armor; Guns; Knives; Swords — *Refer from* Arms and armor; Guns

**Weasels**

**Weather**
*See also* Air; Barometer; Climate; Clouds; Rain; Seasons; Snow; Storms; Thermometer; Winds — *Refer from* Atmosphere (s); Climate; Clouds; Meteorology (s); Physical geography; Physics; Rain; Seasons; Sky; Storms; Temperature (s); Winds

**Weaving**
*See also* Baskets; Carpets; Cloth; Raffia work; Rugs — *Refer from* Cloth; Cotton; Handicraft; Industries; Looms (s); Rugs

**Weber,** Carl Maria *von*

**Webster,** Daniel

**Weeds** — *Refer from* Botany; Gardens and gardening; Plants

Wellesley, Arthur, duke of Wellington *see* Wellington, Arthur Wellesley, duke of

**Wellington,** [Arthur Wellesley], *duke of* — *Refer from* Wellesley, Arthur, duke of Wellington (s)

Wentworth, Thomas, earl of Strafford *see* Strafford, Thomas Wentworth earl of

**Wesley,** John

**Wesley,** *Mrs* Susanna (Annesley)

**West,** Benjamin — *Refer from* Painters

**(The) West** (Page 21)
*See also* Colorado river; Frontier life; Indians of America; Lewis and Clark expedition; Northwest Territory, United States; Prairies; Ranch life; Rocky mountains; Yellowstone national park; Yosemite valley; *also* names of western states, e.g. California, Colorado — *Refer from* Adventure; Frontier life; Indians of America; Lewis and Clark expedition; Ranch life; Rocky mountains; United States—Description and travel

**West Indies**
*See also* Bahama islands; Cuba; Hayti; Jamaica; Porto Rico; Trinidad

**West Point Military Academy** — *Refer from* Soldiers; United States—Army; United States—Military Academy (s)

**Westminster abbey** — *Refer from* London

**Wetzel,** Lewis

**Whales and whaling** — *Refer from* Fishing; Ocean life; Voyages

**Wheat**
*See also* Flour; Grain — *Refer from* Farming; Flour; Grain

**Wheeler,** *Gen.* Joseph

Wheels *see* Water wheels

**Whippoorwills**

**White mountains**

**Whitman,** Marcus

**Whitney,** Eli — *Refer from* Cotton gin

**Whittier,** John Greenleaf

**——Birthday exercises**

Wickliffe, John *see* Wycliffe, John

Wiclif, John *see* Wycliffe, John

**Wilberforce,** William

Wild animals *see* Animals

Wild flowers *see* Flowers

Wildcats *see* Lynxes

**Wilkie,** *Sir* David

| | |
|---|---|
| **Wilkins,** Mary E[leanor, *afterward Mrs* Freeman] | *Refer from* Freeman, Mrs Mary Eleanor (Wilkins) (s) |
| **Willard,** Frances E[lizabeth] | |
| **William I,** *the Conqueror, king of England* | |
| **William I,** *German emperor and king of Prussia* | |
| **William of Orange,** *called* the Silent | *Refer from* William the Silent (s) |
| William the Silent *see* William of Orange, *called* the Silent | |
| **Williams,** Roger | |
| **Willis,** Nathaniel Parker | |
| **Willow trees** | |
| **Wilson,** Richard | |
| **Windmills** | *Refer from* Machinery |
| **Winds** | |
| *See also* Storms; Weather | *Refer from* Physical geography; Storms; Weather |
| **Windsor castle** | *Refer from* Castles |
| **Wine** | |
| **Winkelried** Arnold von | |
| **Winter** | |
| *See also* Seasons | |
| Winter sports *see* Hockey; Ice boats; Skating; Snowshoes; Sports; Toboggans | *Refer from* Frost; Seasons |
| **Winthrop** John | |
| **Wireless telegraphy** | *Refer from* Electric engineering; Electricity; Signals; Telegraph |
| **Wisconsin** | |
| **Wister,** Sarah | |
| Wit and humor *see* Humor | |
| **Witchcraft** | *Refer from* Conjuring (s); Magic |
| Wolf *see* Wolves | |
| **Wolsey,** [Thomas.] *cardinal* | |
| **Wolves** | *Refer from* Wolf (s) |
| **Women—Biography** | |
| *See also* Biography; Girls; Queens; *also* names of famous women, e.g. Alcott, Louisa May; Anne, queen of England | *Refer from* Biography; Girls |
| Wonders of the world *see* Seven wonders of the world | |
| **Wood,** *Sir* Andrew | |
| **Wood** | |
| *See also* Bamboo; Lumbering; Trees | *Refer from* Forestry; Fuel (s); Heating; Lumbering; Timber (s); Trees |
| **Wood carving** | |
| *See also* Fretwork; Furniture; Handicraft | *Refer from* Art; Carpentry; Carving (s); Handicraft; Fretwork; Manual training; Sculpture |
| **Woodchucks** | *Refer from* Ground hogs (s) |
| **Woodpeckers** | |
| Woodwork *see* Carpentry; Lathes; Manual training; Pyrography | |
| **Wool** | |
| *See also* Cloth; Dyeing; Sheep | *Refer from* Cloth; Sheep |
| **Words** | |
| *See also* Names | *Refer from* Language |
| **Wordsworth,** William | |
| World *see* Earth | |
| **Worms** | |
| *See also* Caterpillars; Silkworms | *Refer from* Animals; Zoology |
| **Worms, Germany** | |
| Wrecks *see* Shipwrecks | |
| **Wren,** *Sir* Christopher | |
| **Wrens** | |

Writers *see* Authors

**Writing**
*See also* Alphabet; Authors; Books and reading; Lettering; Paper; Pens; Shorthand; Typewriting — *Refer from* Alphabet; Handwriting (s)

**Wu Hou,** *empress of China*

**Wycliffe,** John — *Refer from* Wiclif, John (s); Wickliffe, John (s)

**X rays**
*See also* Electricity; Radium — *Refer from* Electricity; Light; Radium; Roentgen rays (s)

Xavier, St. Francis *see* Francisco Xavier, St.

**Xenophon**

**Xerxes the Great,** *king of Persia*

**Yachts and yachting**
*See also* Boats and boating; Canoes and canoeing; Ice boats — *Refer from* Boats and boating; Sailing (s); Shipbuilding; Ships; Sports; Steamboats

**Yellowstone national park** — *Refer from* United States — Description and travel; (The) West

**Yosemite valley** — *Refer from* United States — Description and travel; (The) West

Young Pretender *see* Stuart, Charles Edward, *the Young Pretender*

**Yucatan**

**Zane,** Elizabeth

**Zanzibar**

**Zenobia,** *queen of Palmyra*

Zeppelins *see* Airships

**Zinc**
*See also* Brass; Metals

**Zoology** (Page 18)
*See also* Animals; Birds; Evolution; Fish; Fossils; Hibernation; Insects; Menageries; Natural history; Nature; Nests; Ocean life; Reptiles; Snakes; Taxidermy; Worms; also names of animals, e.g. Dogs, Reindeer — *Refer from* Animal kingdom (s); Animals; Natural history; Nature; Science

**Zulus**

## UNITED STATES

(See pages 21 and 28)

The following list is appended for the use of libraries desiring to keep all material together under the United States.

United States
——Army
——Biography
——Colonial period see United States—History—Colonial period
——Commerce
——Constitution
——Consular service
——Description and travel
——Exploration
——Finance
——Government
——History
————Discovery see North America—Discovery and settlement
————Colonial period
————French and Indian war
————Revolution
————War of 1812
————War with Mexico
————Civil war
————War with Spain
——Indians see Indians of America
——Industries
——Manners and customs
——Military Academy see West Point Military Academy
——Mint
——Navy
——Politics see United States—Government
——Presidents
——Travel see United States—Description and travel

14 DAY USE
RETURN TO DESK FROM WHICH BORROWED

LIBRARY

This book is due on the last date stamped below, or
on the date to which renewed.
Renewed books are subject to immediate recall.

| | |
|---|---|
| SEP 1 0 1959 | |
| MAY 2 7 1961 | |
| JUN 1 1961 | |
| APR 2 3 1963 | |
| MAY 3 1965 | |
| JUN 2 1965 | |
| MAY 3 1 1967 | |
| JUN 1 7 1972 | |
| JUN 8 1974 | |
| DEC 1 3 1974 | |
| | |
| | |
| | |

LD 21–50m-8,'57
(C8481s10)476

General Library
University of California
Berkeley

U.C. BERKELEY LIBRARIES
C027403940

328633

UNIVERSITY OF CALIFORNIA LIBRARY